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MAY 30, 1931.

Vol. CXIV.

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Appeal particularly to children.

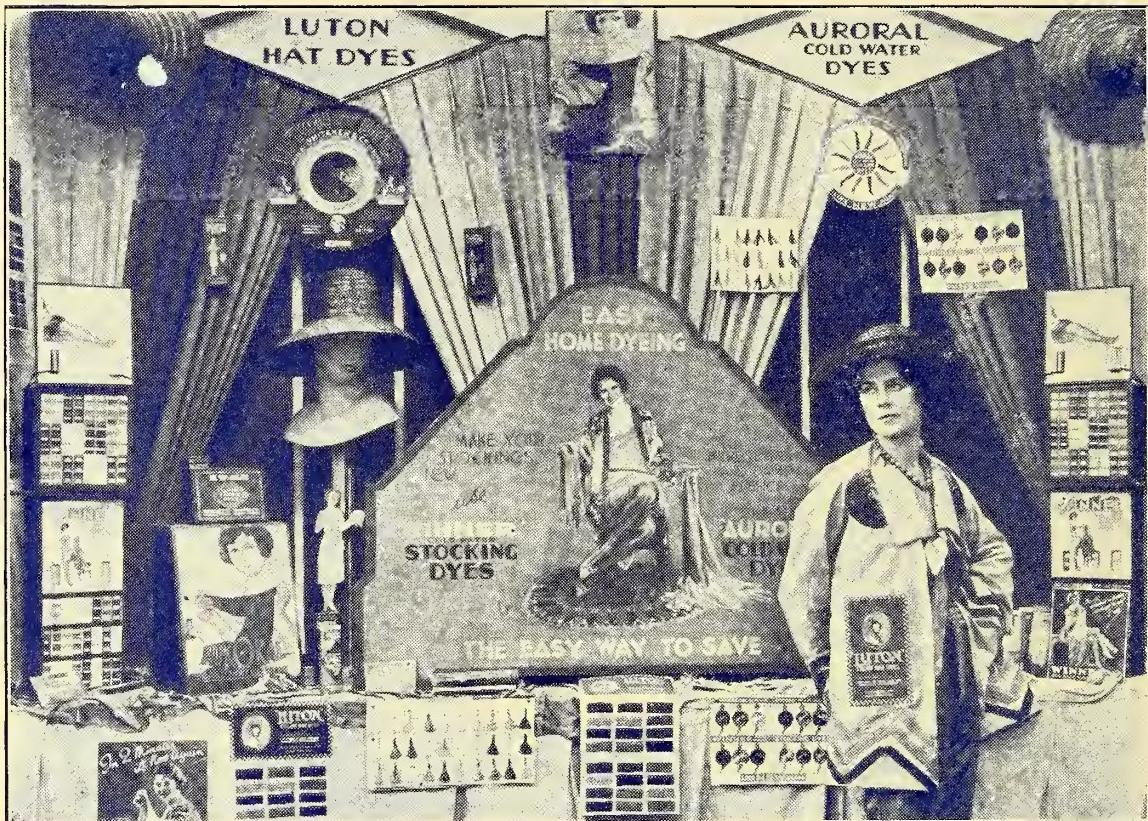
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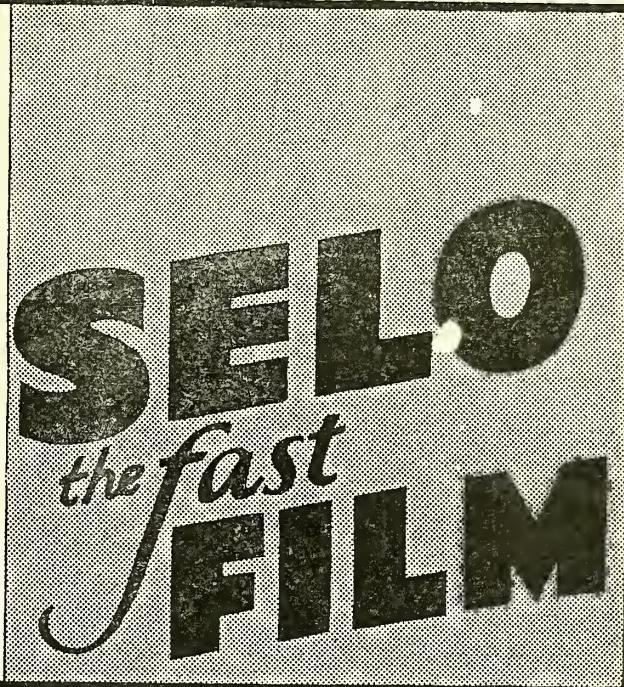
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DYES DYES DYES DYES

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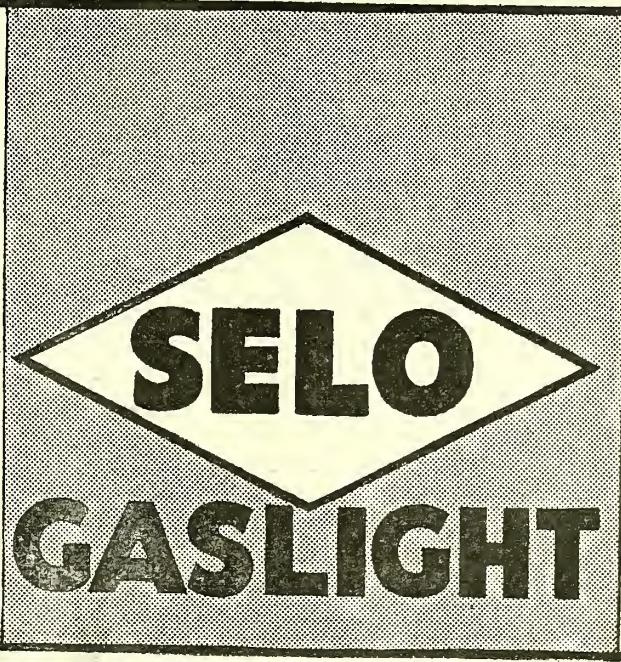
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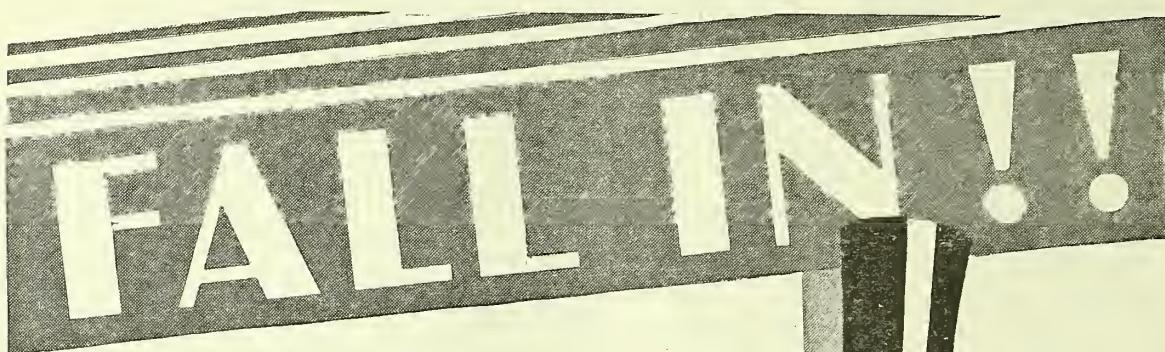


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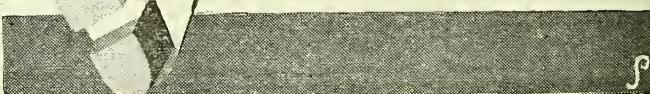
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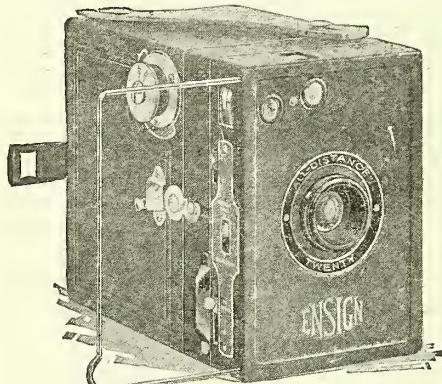
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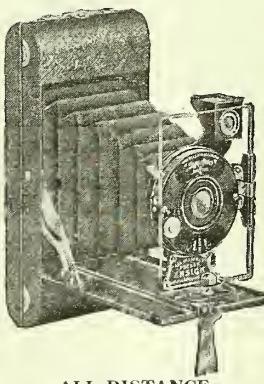
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BISMUTH CARBONATE COUPLED WITH
EXCEPTIONAL LIGHTNESS MAKES IT IDEAL FOR GOOD
SUSPENSION — ORDER THROUGH YOUR WHOLESALER

TAKE FRIENDS and MAKE FRIENDS
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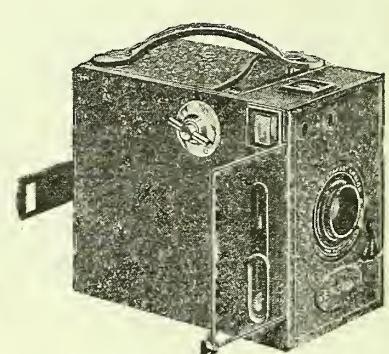
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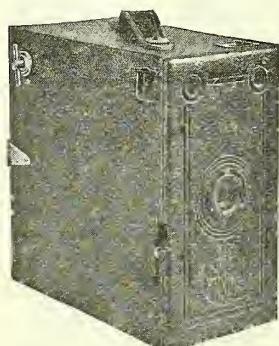


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POCKET ENSIGN NO. 1
£1 17 6



ALL-DISTANCE
DE LUXE ENSIGN
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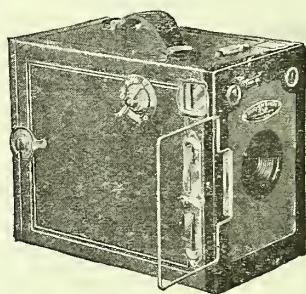
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JUNIOR
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in the
**INCOMPARABLE
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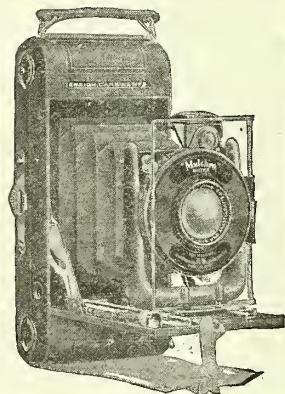
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take pictures
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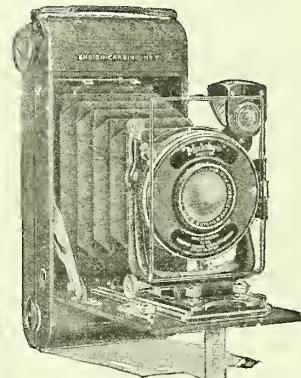
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with Ensar f/6·3 Anastigmat
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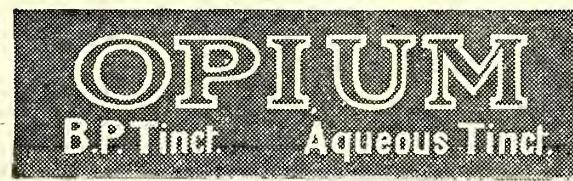
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Concentrated Waters.
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THE FOOD THAT BUILDS THE BODY

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"By its palatability and general excellence 'Roholeine' has taken the high rank to which it is entitled among dietary aids."

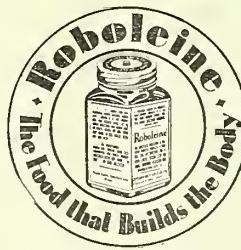
The Lancet.

"fastidious and never nauseates."
The British

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"The value of this preparation to the marasmic or debilitated child is too obvious to call for

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ROBOLEINE con-
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BONE MARROW to make good red blood and increase resistance to disease, and strengthen the whole nervous system.

MALT, a natural laxative and source of energy.

EGGYOLK, containing Lecithin, the greatest nerve food known.

LEMON JUICE
neutralised for building bone and pre-

JOHN BELL & CROYDEN ('Phone: Welbeck 5555)
the DAY and NIGHT Pharmacists STOCK EVERY OPPENHEIMER PREPARATION

OPPENHEIMER SON & Co., Ltd. *Handforth Laboratories*, Clapham Road, LONDON, S.W.9

"Harlene's"

Great New Sales Aid!

To further supplement their Big National Advertising Campaign, Edwards Harlene Ltd. have recently introduced yet one more Sales Aid for their Popular Series of Hair Toilet Preparations. This comprises a most attractive Show-Card as reproduced below, the full size of which is 19 $\frac{1}{2}$ " wide by 14 $\frac{1}{2}$ " deep. It is reproduced in natural colours superimposed with Red Lettering. Hundreds of applications have been received and this new Sales Aid is meeting with an enthusiastic reception everywhere.

These Show-Cards have been executed by the well-known artist Mr. Cress Woollett, and are identically the same as prints of his famous painting, which were originally sold at £1 1 0 each.

No Chemist or Store can afford to be without this valuable new "Harlene Sales Aid," and applications are cordially invited. Enquiries should be made early owing to a limited number only being available. Each Show-Card will be sent Post Free.



The above is an exact Reproduction of the new "Harlene" Show-Card now being distributed as a further aid to the Sale of these Popular Hair Toilet Preparations.

"HARLENE" FOR THE HAIR
"CREMEX" SHAMPOO POWDERS
"UZON" Brilliantine

"ASTOL" FOR GREY HAIR
"Harlene" WAVE SETTING LOTION
"Harlene" Hair Fixative

Please address all communications to:—

EDWARDS HARLENE LTD., 20-22-24-26 Lamb's Conduit St., London, W.C.



"Ambrol"

SEND FOR
FREE SAMPLES

See COUPON below

THE NEW FIXATIVE HAIR CREAM

Does Not "Powder" the Hair

"AMBROL" is entirely different from all other Hair Creams. It keeps the hair in position, but does not clog nor form a powder. The oily variety is perfectly emulsified and never requires shaking.

A high-class line with the most attractive appearance of any cream on the market. A certain seller and one for which your customers will always come back.

1/- size 8/- dozen

1/6 „ 12/- „

2/- „ 16/- „

BONUS OF THREE BOTTLES with every three dozen, also name and address on label.

SEE COUPON FOR
FREE SAMPLES.

THOS. CHRISTY & CO.
4 Old Swan Lane, London, E.C.

COUPON C. & D.

Cut out this COUPON and post to us with your trade card or note heading and we will send you free of charge two sample bottles of "AMBROL," oily and non-oily, with full particulars of bonuses and special invoice discounts.

THOS. CHRISTY & CO.
4 Old Swan Lane
London, E.C.

the original combined Cream and Powder

La VELOUTY

de DIXOR Paris

The advertised line that you are asked for.

NOW ON P.A.T.A.

Samples free upon receipt of trade card or billhead.

PRICES :—	No. 1. Handbag tube	3/-	doz.	Retail	- 4½
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	No. 3. Medium tube	7/-	"	"	1/-
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	Pots	21/-	"	"	2½

Made in four shades :

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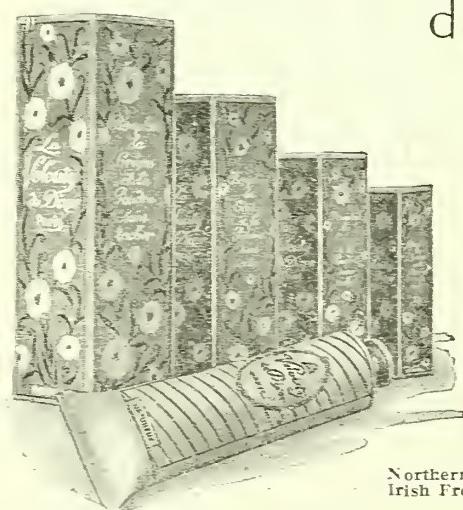
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A wise man
will turn **CHANCE** into
Good Fortune!

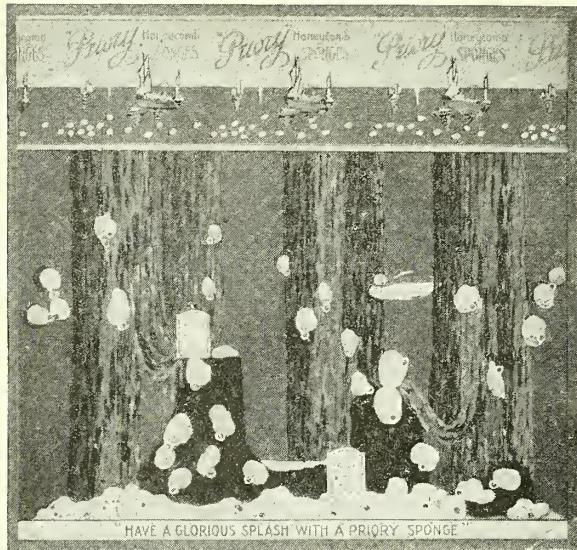
Are **YOU**
making a Window Display of
Moorland
BRAND
Indigestion
Tablets
?

The Sales are still increasing and hundreds
of Pharmacists are finding that a display
very quickly "brings home the bacon"

*Therefore—let this wonderful Quick Seller
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W. B. CARTWRIGHT LTD. RAWDON LEEDS

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This Window Show is made principally with crêpe paper. It is supplied complete in a box and there is a coloured illustrated pamphlet describing exactly how to set it up.

Suggested £5 0 0 Parcel.

15 at 3/- dozen	0	3	9
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18 at 7/6	0	11	3
18 at 12/-	0	18	0
12 at 16/-	0	16	0
6 at 24/-	0	12	0
3 at 30/-	0	7	6
3 at 36/-	0	9	0
2 at 48/-	0	8	0
2 at 60/-	..	..	0	10	0
			£	5	0

Kindly cut this out
and affix your name
slip.

Please send me your suggested £5 0 0 parcel of “Priory” Sponges, on approval, carriage paid one way, together with window show free.

THIS COMPLETE
WINDOW SHOW
FREE WITH ORDERS
for £5 WORTH

“PRIORY” SPONGES are “FIRST-SECONDS” specially selected.

They are larger than “Firsts,” but EXCEPTIONALLY UNIFORM.

They are first-rate in BODY, TEXTURE AND SHAPE.

They SELL DOWN TO THE LAST ONE. There is no bad stock.

They can be re-ordered in safety, knowing that you will get the same again.

EACH SPONGE CODED. Each Sponge is tallied ready for pricing. Each tally bears a CODE LETTER. You are supplied with the KEY to this Code. It shows you exactly what any Sponge has cost. This enables you to—

Fix your price for individual Sales.
Make CERTAIN of your profit.

ALL PRICES from 3/- to 168/- per dozen.

**SOUTHALL BROS. & BARCLAY, LTD.
BIRMINGHAM.**

Maw's Page



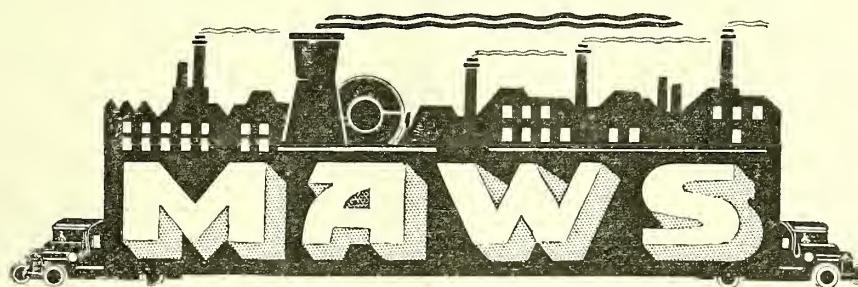
Maws Actually Make

It cannot be too often or too strongly impressed upon the mind of the retail pharmacist that behind the name of "Maw" there is a comprehensive manufacturing organisation. Maws are actual makers of very many of the goods they sell, they also carry the manufacturer's responsibilities and exercise the manufacturer's control over the goods they produce—a point of vital importance to the pharmacist.

Maws make toilet brushes of all kinds. They make Surgical Dressings ; they make Toilet Preparations ; they make Trusses and other Surgical Appliances ;

they make dozens and dozens of articles that fall under that all-embracing classification of Druggists' Sundries.

Yes ! Maws make for pharmacy, for, remember, goods that bear our name are sold only to qualified pharmacists. The reputation which has been built on the name of Maw by a shouldering of manufacturing risks and responsibilities and the consistent pursuit of a policy of quality is yours. You may turn it to profitable account by stocking, displaying and pushing Maw's products, which are made in the factories of the House of Maw for you alone.



S. Maw, Son & Sons, Ltd.,
Aldersgate St., London,
and Barnet.



CLOVE OIL. EUGENOL. ISOEUGENOL. CINNAMON BARK OIL.

White, Tomkins & Courage Ltd.

REIGATE



mysore GOVERNMENT SANDALWOOD OIL

DISTILLED FROM SANTALUM ALBUM, LINN.

This Mark is the GUARANTEE



Trade Commissioner for Mysore in London
Grand Buildings, Trafalgar Square, LONDON, W.C.2

Telephone : Gerrard 4412.

Sole Agents for America : Messrs. W. J. BUSH & Co. Inc., 370 Seventh Avenue, New York.

Sole Agents for Canada : Messrs. W. J. BUSH & Co. (Canada), Ltd., 432 St. Helen St., Montreal.

Potter & Clarke

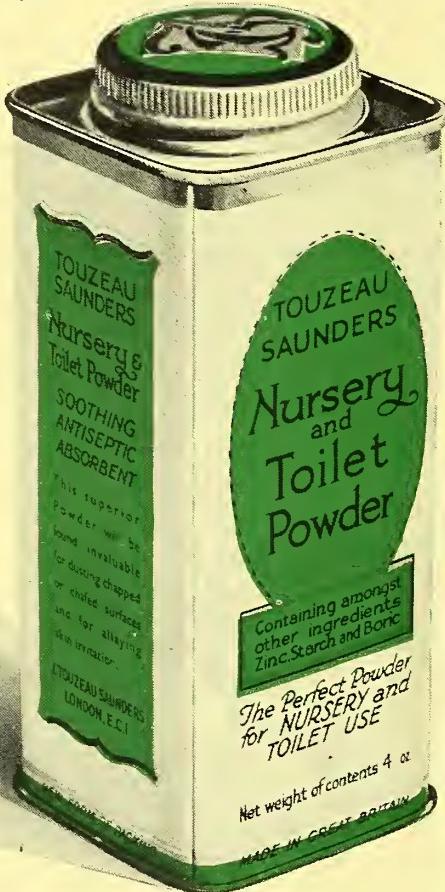
LIMITED



Phones: Bishopsgate
4761 (5 lines)
Grams: "Horehound,
Phone, London"

60-64 Artillery Lane, London
E.1.
MANCHESTER: 24 LUNA ST., GT. ANCOATS.

ATTRACTIVE
NEW PACK



Continuous
Advertising

in conjunction with the attractive new form of packing, is bound to result in increased sales of Touzeau Saunders' Nursery and Toilet Powder.

Announcements will appear in the *Daily Mail*, *Daily Mirror* and *Daily Sketch* as well as in the leading ladies' weekly and monthly magazines.

Nurses all over the country are recommending Touzeau Saunders' Powder to mothers on account of its remarkably soft and fine texture, a quality which imparts to it exceptional soothing and anti-chafing properties. In use this fine separation of the particles is retained. They do not unite and cannot cause clogging of the pores of the skin.

P.A.T.A. protected prices show you a profit of 33½%. Why not obtain a few tins from your wholesaler and display them on your counter? You have only to show Touzeau Saunders' Nursery Powder to sell it.

~ ~ ~

**TOUZEAU SAUNDERS'
Nursery
& Toilet Powder**

Retail 7½ d. Tin

P.A.T.A.

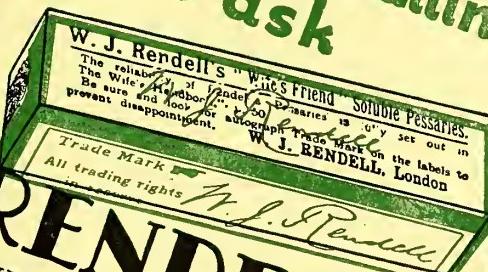
Per 5/- doz. Per 57/- gross
Carriage Paid on 2 Gross Lots

Obtainable from all Wholesalers or the Proprietors' Depôt :—

BUTLER & CRISPE, 80, 82 Clerkenwell Rd. London. E.C.I.

This Important Advice

Your Chemist is waiting
for you to ask
for



RENDELL'S SOLUBLE QUININE PESSARIES.

Why hesitate? Go to him to-day and say: "A box of Rendell's, please." We assure you that he respects men and women with the moral courage to ask openly for our product. Surely this is better than running the risk inseparable from ordering other, less efficacious preparations or equipment, half-secretly, through the post. This is not a question to be super-sensitive about; it is only the first time that you may feel any reluctance, and we urge you to overcome it immediately.

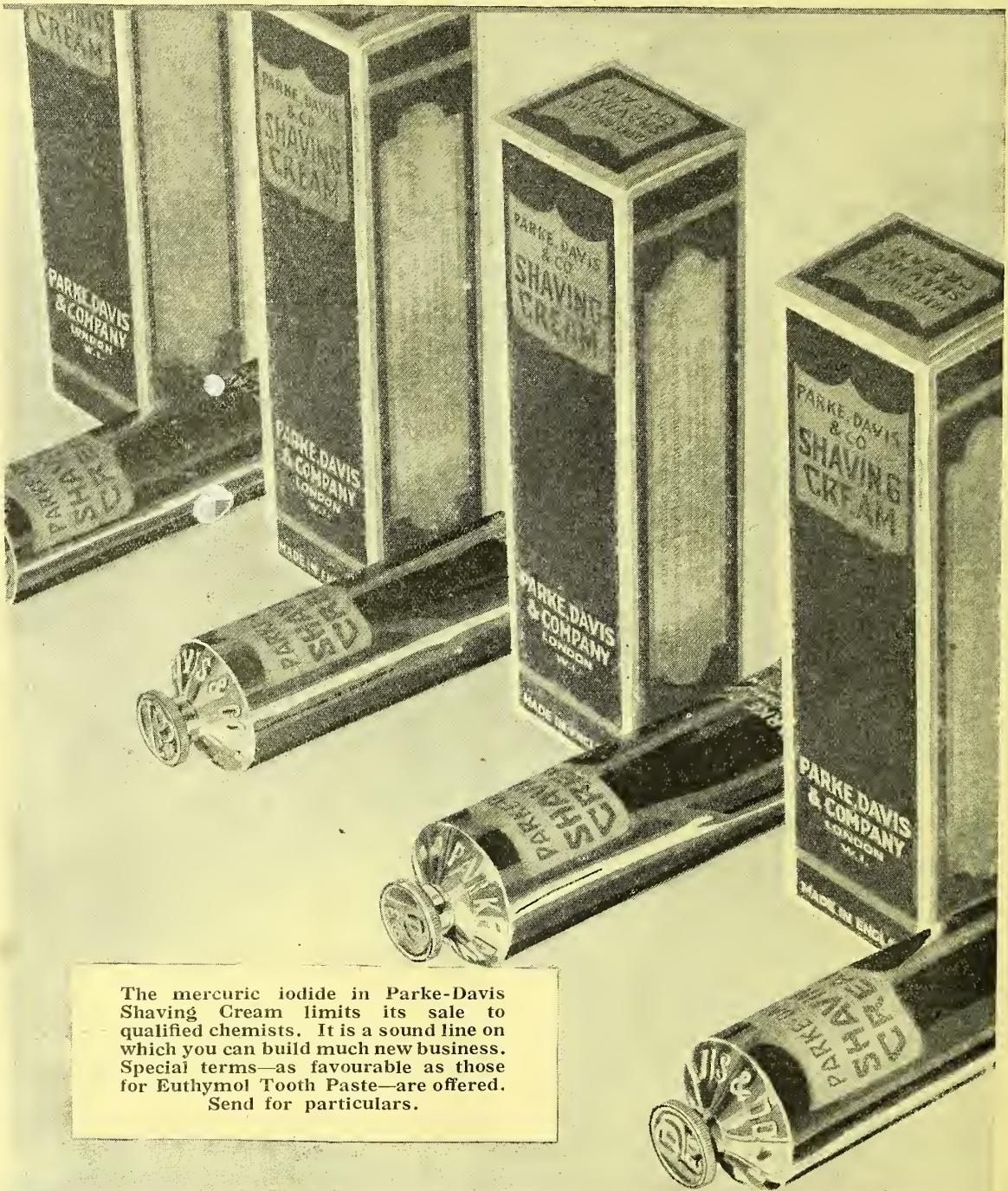
appears on
Page 16 of a book
distributed to hundreds
of thousands of the public!

Here is a clear illustration of how we send the public to your shop for Rendell's Pessaries. The wise retail chemist, therefore, asks his wholesale suppliers for this line, backed as it is by fifty years' reputation, authoritative endorsement by the medical profession and loyal advertising support. Are you profiting by the latter? If not, please write for details.

**W.J.RENDELL LTD.,
HARDWICK HOUSE,
161-165, ROSEBURY AVENUE,
LONDON. E.C. I.**



Exclusively a Chemist's Line



The mercuric iodide in Parke-Davis Shaving Cream limits its sale to qualified chemists. It is a sound line on which you can build much new business. Special terms—as favourable as those for Euthymol Tooth Paste—are offered. Send for particulars.

PARKE, DAVIS & CO., 50 BEAK STREET, LONDON, W.I

AYRTON'S of LIVERPOOL



BEACH CAPS AND SAND SHOES

Modern Modes.
Exquisite Colourings.
Substantial Material
of Finest Quality

BEACH CAPS

	Per	Per	Per
	doz.	gross	gross
No. 1101. Plain Helmet, contrasting band, six colours	3/-	33/-	
No. 552. Heavier rubber, reinforced seams	3/9	42/-	
No. 1211. Diving Helmet, chin strap, reinforced seams, mottled colours	5/-	54/-	
No. 1198. Diving Helmet, medium weight, chin straps, three panels in contrasting colours	8/-		
No. 1298. Diving Helmet, moulded, chin straps, self colours in silk finish	13/6		
No. 1317. Diving Helmet, medium weight, chin strap, ear recesses, embossed designs in self colours	15/-		
Type A. Polo Helmet, heavy, chin strap and clasp, embossed designs in self colours	17/6		
Type E. Diving Helmet, heavy, chinstraps, moulded ear recesses. Colours: Black, White, Red or Green	20/-		

LANCASHIRE WOVEN WASHING SQUARES

Each dozen in fall-front box with Cellophane dust cover.
Fine showcard featuring "Made in Lancashire."

No. 10A. Special, 13 x 12 ins. Thick white turco, fringed with coloured chequered pattern interwoven on two sides.. per gross 36/-	No. 19A. 14 x 13 ins. Thick white embossed turco, fringed edge with patterned border in contrasting colours .. per doz. 4/6
No. 21B. 12 in. Thick white turco square, fringed edge, with two-coloured pattern interwoven on two sides .. per doz. 3/6	No. 28A. 11 x 11 ins. Thick coloured turco, with woven pattern in bright colours, whipped edge .. per doz. 5/-
No. 6. 13 x 12 ins. Extra thick all white turco, fringed edge. per doz. 4/-	No. 29S.W. 13 x 13 ins. Thick white turco with edges shell whipped in bright colours. per doz. 5/-
No. 23. 13 x 11½ ins. Thick white turco with 1 inch coloured whipped border .. per doz. 4/-	No. K.E. 12 x 12 ins. Thick double turco, each side a different shade and the whole shell whipped in bright colours. per doz. 6/-
No. 8. As No. 23, but all white turco with edge whipped with coloured cotton .. per doz. 4/-	



AMO GIANT TUBE SHAVING CREAM

BRITISH
PRODUCT

A DELIGHTFUL
& EMOLlient
SHAVING
CREAM MADE
OF SUPERIOR
INGREDIENTS
CONTAINING
PROPERTIES
FOR THE
PROTECTION
OF THE SKIN

CONTENTS
4 OZS. NETT

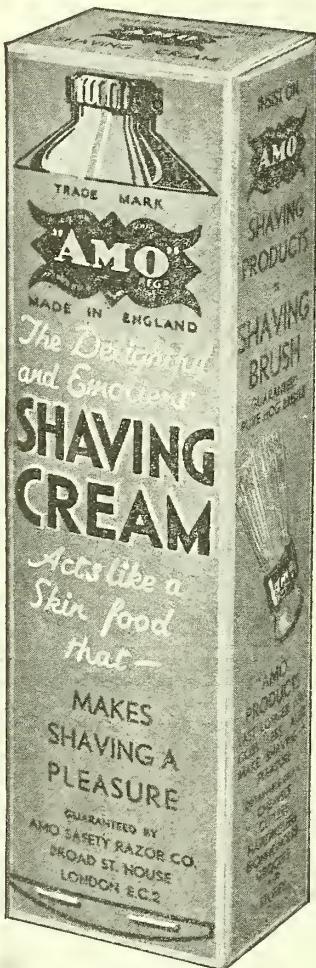
RETAILS

1/-

APPLY FOR
TERMS OR
SEND 9d.
FOR SAMPLE
POST PAID

SIZE $7\frac{1}{4}'' \times 2'' \times 1\frac{1}{2}''$
CELLOPHANE WRAPPED
PACKED 1 DOZEN
— IN —
DISPLAY CARTON

AMO SAFETY RAZOR BLADE CO. LTD.
BROAD STREET HOUSE
LONDON, E.C.2



YOUR BUSINESS

IS PROBABLY FEELING THE
FIERCE COMPETITION OF

THE UBIQUITOUS 6d. LINE

IF IT IS, write or phone
WE CAN HELP YOU

"NEWBERYS"
(F. NEWBERY & SONS LTD)

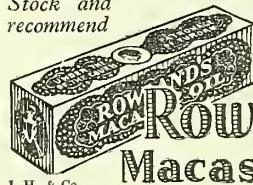
CARDIFF Tredegar House, Hope St. LIVERPOOL College Lane
CHARTERHOUSE SQUARE LONDON, E.C.1

Selling Suggestions

Rowland's Macassar Oil nourishes
and revitalises the roots of greying,
thinning hair and soon restores it
to youthful colour and growth.

Stock and
recommend

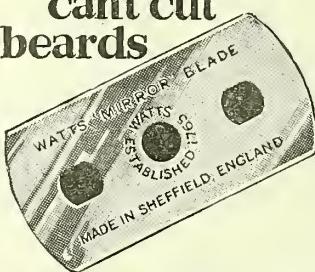
Of all Wholesalers,
to retail at 3/6,
7/- and 10/6.



**Rowland's
Macassar Oil**

J. H. & Co.
A. ROWLAND & SONS, Ltd., 22 Laystall St.,
Rosebery Avenue, London, E.C.1

Cut-price blades can't cut beards



The New Watts "Mirror" Blades

These wonderful blades with
their Rustless Reinforced
Edges of Stainless Steel
treated by a secret process are
worth the extra cost. They are
keener and give more and
better shaves than any others
on the market. The edges are
absolutely rustless in any climate.

Watts Mirror Blades
Packed in Patent Spring Lid
Nickelled Containers of
10 for 3/4

Also Packed in cartons of
5 for 1/8
Giving the Retailer 66 2/3%
PROFIT on cost.

JOHN WATTS (Sheffield & London) Limited
Established over 150 years.
London: 18 Soho Square, W.I.

BOURJOIS

PARIS

MEET THE CONDITIONS
OF TRADE WITH THE

NEW **6^d**
SIZE

Ashes of Roses
FACE POWDER

ACTUAL
SIZE



Marvellous value in
an exquisite pow-
der perfumed with
the queen of all
floral perfumes.

Cat. No. 2906 · 48/- gross.

A. BOURJOIS et CIE LTD. 4 Water Lane LONDON, E.C.4.
PARIS NEW YORK SYDNEY WELLINGTON.

A. S. LLOYD'S EUX-E-SIS.

For Shaving
without
Soap, Water,
or Brush.

CAUTION.

The Labels on **GENUINE EUXESIS** bear
two signatures—A. S. Lloyd, in black
ink, and that of his Widow, Aimée
Lloyd, in RED. Refuse any other.

Tubes 1/6 & 3/- ~ 33 $\frac{1}{3}$ % Profit

Sole Manufacturers
and Proprietors :

AIMÉE LLOYD & Co., Ltd.
23 PANTON STREET, HAYMARKET, LONDON, S.W.

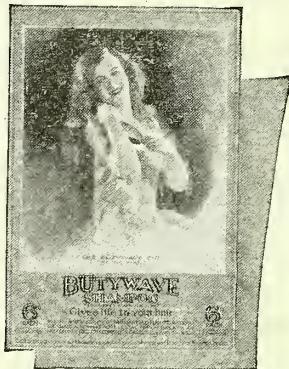
N.B.—When ordering from Wholesale Houses write LLOYD'S EUXESIS (WIDOW'S).

**TWO
SIXPENNY
GOOD
SELLING
LINES**



Patent Spraying Container.

**WILL INCREASE
YOUR
TURNOVER
AND PROFIT**



**BUTYWAVE
SHAMPOO**

*If its
Customers
you want*

YOU SHOULD STOCK
PETAL DUST

"Wherein the subtle savour of the Flowers
sublimely dwells."

THE GREAT FLORAL AIR PURIFIER

A TRIAL WILL CONVINCE YOU THAT—
PETAL DUST, when once shown, creates its own
demand, and is therefore a valuable adjunct to every
"go-ahead" store.

PETAL DUST, when displayed prominently upon your
counter, will attract prudent customers by the frag-
rance of its unique odour, which to-day is of such
universal admiration.

RETAILS IN PACKETS AT 4d. AND 8d. EACH.

Attractive Advertising matter free on request.

Obtainable through all the usual Wholesale Houses or from
Sole Producers :—

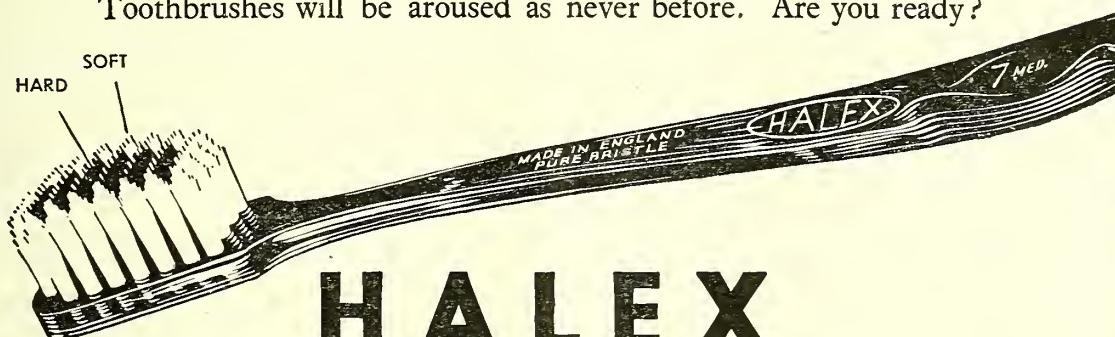
**THE ROSMARINE MANUFACTURING CO.
LONDON, S.E.1**

T. 5

ungrammatical advertisements —on purpose!

Can ungrammatical advertisements be good? Until recently it was thought not, but another belief has been shattered. For there are now appearing some of the most startling advertisements ever devised. Ungrammatical, but excellently good. Good *because* they're ungrammatical!

Large spaces! Astounding headlines! The public interest in Halex Toothbrushes will be aroused as never before. Are you ready?



HALEX TOOTHBRUSHES

There are now seven brushes in the Halex range, retail prices 9d. to 2/-. Halex No. 7 is the latest addition to the range. It has a short head and a hard core. Write for trade terms to:—

THE BRITISH XYLONITE CO. LTD., HALE END, LONDON, E.



There is less shyness now about hair-tinting . . . and less secrecy. But customers look to the responsible chemist for reassurance in respect of safety.

SAFETY FIRST!

Tell your hesitant customers about Nuctone . . . of its safety. Give the other facts, of course: that Nuctone is antiseptic and a fine tonic . . . But stress the all-important point of SAFETY.

Nuctone SAFE FOR GREY HAIR

Order from your usual Wholesaler.

TAYLOR'S CIMOLITE TOILET POWDER

THE PERFECT POWDER FOR NURSERY USE



A perfectly bland and non-irritating Powder, invaluable in all cases of Excoriations, Chafing, Roughness of the Skin, etc. Recommended by eminent skin doctors and recognised as the leading Toilet Powder for over 70 years by the nursing profession. Used in the Royal Households.

In deference to the many requests received from users of "CIMOLITE," a sprinkler tin to retail at 1/1½ is now available. This new packing is in addition to the familiar 1/1½ packet which is still on the market.

When ordering please specify TINS or PACKETS. "CIMOLITE," in all sizes, also CIMOLITE SOAP AND CREAM, is stocked by all Wholesale Chemists and Druggists.

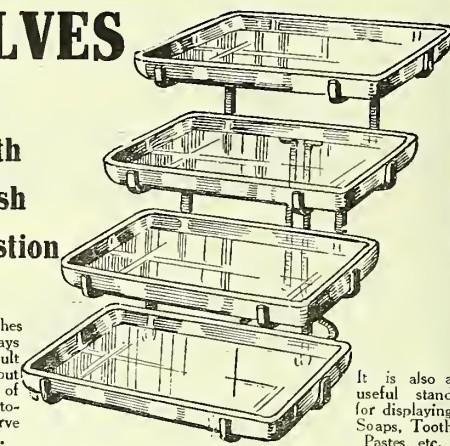
TERMS and ILLUSTRATED PRICE LISTS, also ATTRACTIVE SHOWCARDS, Counter Bills and other selling literature, obtainable from

JOHN TAYLOR, 30 Baker Street, Portman Square, LONDON, W.1.

SOLVES

the
Tooth
Brush
Question

Tooth Brushes have always been a difficult line to serve, but with the aid of this stand customers can serve themselves.



It is also a useful stand for displaying Soaps, Tooth Pastes, etc.

No. C.S.F. 2851—Very attractive COUNTER DISPLAY STAND. Constructed of mild steel finished silver colour and complete with four clear glass trays, size 11½ x 7 x 1 in. Each tray is slightly sloped, rendering the goods easy to see and to select from. The overall height is 15½ in., width 12 in., back to front 15 in.

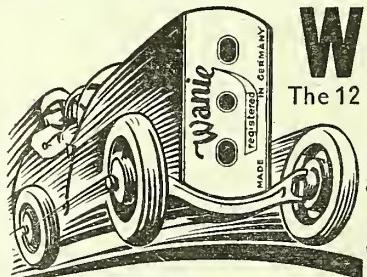
22/6 each complete

Send for a copy of our new illustrated 48 page list No. CD 1180 free on request.

DUDLEY & COMPANY, LTD.
451 HOLLOWAY ROAD, LONDON, N.7

City Showrooms : 65-66 Fore Street, E.C.

For Speedy Sales—



WANIE

The 12 Shave-power Blade
A WINNER !
EVERY TIME !
8/- PER GROSS

For Sample, write to—
Dept. C.D..

WANIE DISTRIBUTING CO.

89 Aldgate High St., E.C.3

Northern Distributors: S. Kalisky (Allsorts), Ltd., 16 Withy Grove, Manchester.
Irish Free State Agents: Messrs. W. A. Freedman & Co., 21 Merchant's Quay, Dublin.

"ODENTIC" PLATE BRUSH

Regd. No. 417637.



From all
Wholesalers.

Packed in ½-dozen Display Boxes.

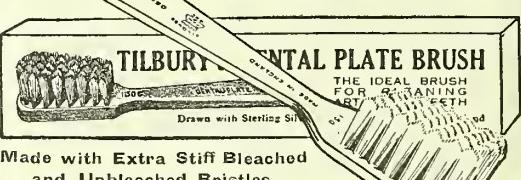
Manufacturers:

**W. R. Speer & Son (EST.
100 YEARS)**
215 DALSTON LANE - - LONDON, E.8

Agent for S. Africa—C. GORDON DAVIES & CO.,
National Bank Buildings, Pritchard Street, Johannesburg.

Established 1880.

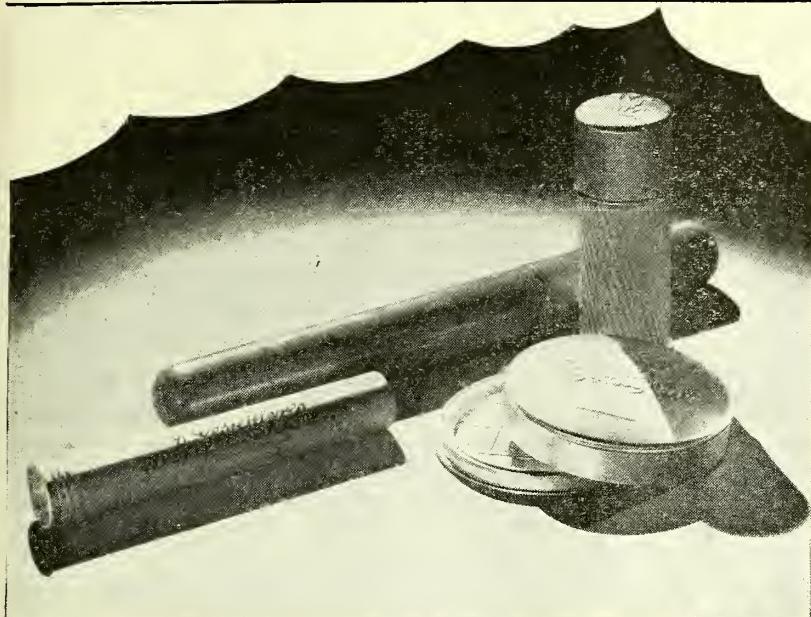
TILBURY "Fort" Dental Plate Brush



Made with Extra Stiff Bleached
and Unbleached Bristles.

W. R. TILBURY & SON

47 FRAMPTON PARK ROAD, HACKNEY,
LONDON



With acknowledgments to Messrs. H. G. Sanders & Son, Ltd., Southall.

Write for data on Aluminium Containers.

Dainty productions deserve dainty boxes. So the choice is a packing of aluminium—light, rustfree and smart. These qualities support the chief feature of the aluminium packing, namely, its cleanliness. Various finishes are possible—polished, plain or matt. Excellent effects are gained by colour printing or litho, relief stamping (plain or in colour) and enamelling. :::::

Aluminium

THE BRITISH ALUMINIUM CO., LTD.
ALUMINIUM PRODUCERS, ADELAIDE HOUSE,
KING WILLIAM STREET, LONDON, E.C.4.
Telephone: Mansion House 5561 and 8074 (5 lines).
Telegrams: Cityolite-Bilgate, London.

**Meet the BIG
DEMAND**
BY LAYING IN STOCKS OF
"SURE SHIELD"
BRAND
Iodised
THROAT TABLETS



BY LAYING IN STOCKS OF
"SURE SHIELD"
BRAND
Iodised
THROAT TABLETS

A Few Specimen "SURE SHIELD"
Advertisements



8½^d Tins

5/6 doz 63/-per gross

1'3^d Tins

9/6 doz 108/-per Gross Nett

THOS GUEST & CO., LTD.
CARRUTHERS STREET,
ANCOATS, MANCHESTER.

LONDON DEPOT:
1, SWAN STREET,
MINORIES, E.1.
TELEPHONE: ROYAL 8111.

PRECIPITATED CHALK

LIGHTEST—MEDIUM—DENSE.
And All Other Grades To Suit Every Purpose.
CHEMICALS FOR ALL INDUSTRIES.

'Phone: Mansion House 7300. Tel. Add.: "Levermore, Phone, London."

A. LEVERMORE & CO. LTD. ABC Codes.
110 CANNON STREET, LONDON, E.C.4. 5th & 6th Editions.

FREDK. FINK & CO.

10 & 11 MINCING LANE, LONDON, E.C.3.

TEL: ROYAL 5094.

GUMS, ARABIC and TRAGACANTH as Imported or
Finely Powdered. :: SHELLACS ALL GRADES.

DRIED MILK

Large buyers of Full Cream, Half Cream, Separated, Milk Sugar, Whey Powder, Soluble Milk Casein, are invited to apply for samples and quotations, stating probable requirements. Eight Creameries in Dorset, Somerset and Wilts.

PRIDEAUX'S LTD., MOTCOMBE, SHAFTESBURY, DORSET

THE "SAFEGUARD" BRAND OF RUBBER GOODS

Are SUPPLIED to CHEMISTS & DRUGGISTS ONLY
FINEST QUALITY. HYGIENIC PACKING

Write for Samples and Prices.

BURGE, WARREN & RIDGLEY, LTD.

51/92 GREAT SAFFRON HILL, E.C.1

Phone: Holborn 0050. Telegrams: Pessaries, Smith, London.

"CARNATION" CORN CAPS

THE CERTAIN CORN REMOVER. Well Advertised,
Attractively Packed and gives complete satisfaction to
your customer. Novel Window Show with gross orders.

COSTS 5/- PER DOZ. SELLS 9d. BOX.

CUXSON, GERRARD & CO., LTD. OLD BURY,
BIRMINGHAM

TATCHO Sample Size 6d. THE HAIR RESTORER

PROMOTES, PRODUCES, 1/3 size .. 12/6 per doz.
BEAUTIFIES THE HAIR 2/3 size .. 26/- per doz.

TATCHO Laboratories, 5 Great Queen Street, London, W.C.2

6 Bottles in Case for
Counter Display,
4/- PER DOZ.



SHADEINE FOR TINTING GREY HAIR

This popular article is largely advertised
and stocked by all Wholesale Houses.
Trial size 8d. per doz. 6/-
1/4 size, per doz. 12/-
2/6 size, per doz. 24/-
3/9 size, per doz. 36/-

The SHADEINE CO., 58 Westbourne Grove, London, W.2

MORE SALES THROUGH THE WINDOW

by CHARLES C. KNIGHTS.

A new and helpful book for every chemist, dealing with all types of effective window display materials and methods. Full of information you would instantly use. 171 pp., illustrated, 5/- net.

Of a bookseller or
PITMAN'S, PARKER STREET, KINGSWAY, W.C.2



Remember to order "3 ARROW BRAND"
HYPODERMIC SYRINGES &
"77" STAINLESS STEEL NEEDLES
Guaranteed and Reliable. Give satisfaction to yourself and
your customer.
Obtainable through all the leading Wholesalers.
Free samples of needles can be obtained from

ALBERT H. JACOBS, 157 FARRINGDON ROAD
London, E.C.1

"3 Arrow Mark

FORSTER'S & VAPOURISERS FENOLIN for Whooping Cough

ON P.A.T.A.
421(1/3)11/

Hall, Forster & Co., Ltd.
Newcastle-on-Tyne,

MORFI RUBBER PRODUCTS KAYDOR LTD.

30 Howland Street
LONDON, W.1

Telephone: Museum 9143.

BATH & TOILET SALTS DE LUXE Nymphale INSTANTLY SOLUBLE EVEN IN COLD WATER

Retail: 1/-, 3/6 & 6/6 P.A.T.A.
Patentees and Sole Manufacturers.

SUPERFINE CHEMICALS, Ltd. FELTHAM, MIDDLESEX

The REAL Eyelash GROWER

"Crescent" EYELASH OINTMENT

Recommended by Oculists and Beauty Specialists. Delights all Customers.

Selling price 7/6 per pot. Trade 60/- per doz. Attractively packed
for show purposes in Gold Cartons of half-a-dozen.

Send now to—THE CRESCENT PREPARATIONS CO.
4 Woodlands Rd., LONDON, S.W.13 Phone: Putney 2149

"LOCKSAL"— MEDICATED BATH SALTS

The New Brine Bath Idea
for Rheumatism, Gout and all Kindred Ailments
are being advertised to the public and are recommended by the Medical profession. Neatly packed. Good profits. Your usual wholesaler can supply. Advertising matter and counter bills gladly sent on request.

Special terms from the manufacturer
"LOCKSAL" 86 PRINCESS STREET, MANCHESTER

Cachet CLOSING and FILLING machines 3/6 to 32/6 to suit all Dispensing Requirements.

WRITE FOR ILLUSTRATED LIST.

THOS. CHRISTY & CO., 4-12, Old Swan Lane, LONDON, E.C.4.

MALTED FOODS

SPECIAL FOODS DEVISED, INQUIRIES INVITED

GEORGE KING & CO., LTD.
SYCAMORE ST., LONDON, E.C.I

'Phone : Clerkenwell 3383. Wires : "Food-o-kings, Barb. London."

IN TINS OR TONS

PURE ORANGE WINE

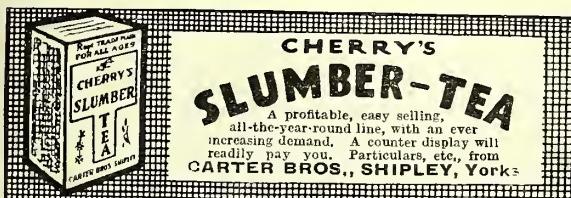
A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P.) Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.) Samples from Head Office, Thomas Street, DUBLIN, or London Office, 74 Great Tower Street, LONDON, E.C.3.

PARAFFINUM LIQUIDUM

B.
P.

EXTRA HIGH VISCOSITY HOLROYD'S OIL & CERESINE CO., LTD.
3 New London St., London, E.C.3. 'Phone : 3395 Royal.
Wires: Errikroy Pen.



THE PRESCRIBER

MAY issue—Double Number on
ENDOCRINOLOGY. 3/6 post free.

Annual Subscription 20s. post free anywhere.

Through any Medical Booksellers, or direct from :—
"THE PRESCRIBER" Offices, 13 Glencairn Crescent, Edinburgh, W.

NURSE HARVEY'S MIXTURE

A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessities from him. Moreover, the continuous demand for it produces a quick turnover.

For Direct Terms apply to—

OSCAR SCRUTON & CO., YORK

COSTS LESS!
SELLS QUICKER!!
MORE PROFIT!!!



Write now for full details of the "MOST PROFIT" trade terms, window displays and other sales aids, to Clifford G. Froom (Sales Service), 10 Kingly Street, Regent Street, London, W.1

the
deadliest
Insect
Killer
made

16
8.OZ. LIQUID

"LAUREL"

Regd.

SAFETY RAZORS

Entirely British Made

Complete Outfit in Case

Retail 6d. each

Silver-plated Holder with one best quality "Laurel" Blade

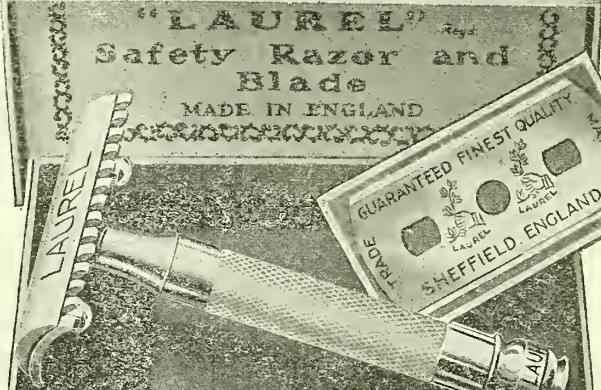
Sound Profits for Wholesalers & Retailers

"LAUREL" BLADES

Made entirely in Sheffield from Sheffield's Best Razor Steel

4 BLADES FOR 6d.
(1½d. each)

"LAUREL" SAFETY RAZOR



"COMPLETE WITH ONE BEST QUALITY
LAUREL SAFETY RAZOR BLADE"

GEO. H. LAWRENCE, LTD.
13 BRUNSWICK ROAD, SHEFFIELD

'Phone : 25571 Wires : "Laurel, Sheffield"
ESTABLISHED TWENTY YEARS AS A SAFETY
RAZOR BLADE MANUFACTURER

A RECENT TESTIMONIAL
214 Shaves with One "Laurel" Blade
H. B. FREEMAN, M.A., Canon Residentiary of Bristol

Its increasing popularity means increased profits

Every week sees an ever increasing demand for Icefoam, for everyone who buys it once goes on buying it. This delicious lemon drink with the delicate creamy foam is a certain profit-maker, so order plenty of stocks for plentiful sales right through the season.

Icefoam
FIRST FOR THIRST

F. W. Hamble & Co. (1927) Ltd., Sunnydale Works, Derby

NOW READY.
THACKER'S INDIAN MEDICAL DIRECTORY, 1931

CONTENTS : Royal Army Medical Corps, Indian Medical Service, Indian Medical Department, Private Practitioners, Dentists and Dental Surgeons, Hospitals, Chemists and Druggists, Nurses and Midwives, Medical Missions.

Price - - NINE SHILLINGS, postage extra.
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TABLET COMPRESSORS & PACKERS TO THE TRADE

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DAYTIME
use

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B.D.H.**

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THE CHEMIST AND DRUGGIST



A WEEKLY JOURNAL OF PHARMACY,
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English and Welsh News

Key Industry Duty

A representation has been made to the Board of Trade under Section 10 (5) of the Finance Act, 1926, regarding the exemption of diphenyl oxide from Key Industry Duty.

Society of Chemical Industry

The jubilee celebrations of the Society of Chemical Industry will be held in London on July 13-19 inclusive. The programme just issued contains particulars of the numerous events of the week. Among these are a reception by the Lord Mayor and Sheriffs (at which an address of welcome will be delivered by the Chancellor of London University), the presidential address by Sir Harry McGowan, the presentation of the Society's medal to Dr. Herbert Levinstein, visits to laboratories and works, and an all-day excursion to Oxford. The simultaneous exhibition of chemical plant at the Central Hall, Westminster, already announced, is being organised by two bodies in close touch with the Society. Full particulars may be obtained from the secretary, Mr. H. J. Pooley, 46 Finsbury Square, E.C.2.

Birmingham Analyst's Report

The report of the Birmingham city analyst (Mr. H. H. Bagnall, B.Sc., F.I.C.) for the first quarter of 1931 states that 1,274 samples were submitted during the period under review; of these 134 were taken formally. The samples included such items of pharmaceutical interest as almond oil, salicylic acid ointment, boric acid ointment, zinc ointment, seidlitz powder, boric acid powder, ammoniated tincture of quinine, ammoniated quinine tablets, compound liquorice powder and Glauber's salt. With the exception of one sample of seidlitz powder and eight of ammoniated quinine tablets all were correct. The former was found to be 14 per cent. deficient in weight, while in connection with the latter Mr. Bagnall states that ten samples were taken. "Ammonium carbonate," he con-

tinues, "is an extremely volatile substance, and unless special precautions are taken in the manufacture and packing there is a great tendency for the tablets to have lost a large proportion of the ammonia by the time they are in the hands of the consumer. Out of nine samples made with quinine sulphate and ammonium carbonate, all of which were probably originally of correct composition, six had lost practically all the ammonia and the other two had average losses of about 80 per cent. The remaining sample was made with ammonium chloride instead of ammonium carbonate, the proportion of the two substances being declared on the label. These proportions were found to be as stated, ammonium chloride not being volatile."

Inquests

At Greenwich, on May 26, an inquest on the body of Dr. John E. Morton resulted in a verdict of "Accidental death." Evidence showed that Dr. Morton, who was studying, had used ether inhaled from cotton-wool for insomnia, and inhaled an overdose.

A verdict of "Suicide while of unsound mind" was given at an inquiry at Billericay, on May 21, concerning the death of Commander R. W. Curteis, who died after taking potassium cyanide. The public analyst for Essex stated that he found 85 gr. of the cyanide in the stomach contents.

At Sheffield, recently, an open verdict was returned at an inquest on the body of Grace Carr, Broomhall Street, who died as a result of taking salt of lemon. Evidence was given by an assistant at a local branch of Boots, Ltd., that the woman had purchased salt of lemon there, stating that it was wanted for cleaning.

At an inquest at Rochester, on May 27, on the body of Mrs. Morris, wife of Mr. Gerald A. Morris, chemist and druggist, the jury found that death was due to an overdose of aspirin. Mr. Morris stated that since January 1928 his wife had suffered from headaches and bilious attacks, for the relief of which she

took aspirin and calomel on medical advice. Previously she had made threats about suicide. Dr. C. W. Green gave corroborative evidence. Mr. F. W. Arnaud, county analyst for Kent, said that 218 gr. of aspirin had been taken.

At Palmer's Green, London, N., on May 23, an open verdict was recorded at an inquest on the body of Alice Crawford, a domestic servant, who, the evidence showed, had taken a liquid preparation of nicotine. Reference was made by a medical witness to a suicide by means of nicotine recorded sixty years ago and "two or three cases of accidental death since." [The earliest case of suicide by means of nicotine disclosed by the records of the Registrar-General for England and Wales occurred in 1901; prior to 1881, when accidental and suicidal poisonings were first separated by him, there was one poisoning by nicotine in each of the years 1874, 1875, 1877 and 1879. From 1901 onwards nicotine has appeared regularly in the Registrar-General's annual statistics.—EDITOR.]

Liverpool

The bad weather at Whitsuntide caused a slump in photographic trade.

Mr. Norman Bourne has been appointed to represent Francis Newbery & Sons, Ltd., in the Liverpool, Southport and St. Helens area.

A ramble to Llangollen on May 31 has been arranged by the Liverpool Pharmacy Club; meet at 10 a.m. at Liverpool landing stage to catch the 10.16 train from Seacombe Station; tickets, 5s. each.

Sheffield

The latest date on which nominations for election to the Pharmaceutical Committee can be received is June 4 (noon).

Mr. H. G. Williams is giving his services to the "Sheffield Telegraph" poor children's outings by driving children to the seaside in his car.

Miscellaneous

CLOSING SUSPENDED.—Great Yarmouth Town Council has suspended the closing of shops on the weekly half-holiday during June, July, August, September and October.

SHOP ACTS.—At Southend-on-Sea, on May 19, Mr. Ernest Watkins, chemist and druggist, Westcliff, was summoned for keeping his shop in London Road open for the serving of customers after 8 p.m. The defendant, who did not appear, was fined £1.

MEMORIAL PLAQUE.—On June 5 a memorial plaque will be unveiled in the Sunderland Central Library in memory of Sir Joseph Swan, the electrical inventor, who was apprenticed in that town (of which he was a native) to a firm of chemists, and was for some years in business in Newcastle-upon-Tyne.

POISON-LICENCE APPLICATIONS.—Applications for licences under Section 2 of the Poisons and Pharmacy Act, 1908, have been made to their respective local authorities by the following: G. J. Garrett & Sons, Ltd., Sutton-at-Hone, Kent; W. Morgan, Kington, Herefordshire; Stanley Yates and W. G. Constable, Cheltenham.

REDUCED WAGES IN THE CHEMICAL INDUSTRY.—An agreement was entered into at a meeting of the Chemical Trade Joint Industrial Council held in Manchester, on May 22, by which reductions in wages will come into operation in the chemical industry early in June. Day labourers are to receive 1s. an hour and shift men 1s. 1½d. Men in receipt of rates higher than the respective minimum are to sustain equal reductions. The reduction in the case of piece-workers is to be 5 per cent. The agreement also involves a reduction in the wages of boys and youths, but not in those of women or girls.

Scottish News

Brevities

Mr. W. Richardson, Ph.C., has been elected vice-president of the Annan Merchants' and Traders' Association.

Alastair Inglis, son of Mr. George Inglis, chemist and druggist, High Street, Leven, has won a bursary, tandem at Madras College, St. Andrews.

Mr. Edward Walker, manager of Hogg & Wood, seedsmen and nurserymen, Coldstream and Duns, has applied for a licence to sell agricultural and horticultural poisons.

The Fifeshire Branch of the Photographic Dealers' Association have adopted and recommended the national minimum retail scale of charges for developing and printing.

The February issue of "Notes from the Royal Botanic Garden, Edinburgh" (Stationery Office, 1s. 6d.) contains a number of excellent plates showing specimens of the genus *Codonopsis*.

Tenders of J. F. Macfarlan & Co., manufacturing chemists, Abbeyhill Chemical Works, Edinburgh, for drugs and surgical dressings have been accepted by the Public Health Department of the City of Edinburgh for a period of twelve months.

At Aberdeen Sheriff Court, on May 19, Mr. James Davidson Duncan, chemist and druggist, pleaded "Guilty" to a charge of having, at his shop at 231 Union Street, failed to enter in his dangerous drugs register particulars as to certain drugs sold by him, and having failed to mark on certain prescriptions the date upon which they were dispensed. It was stated that although Mr. Davidson had failed to enter the particulars in the register, he had done so on a private list. A fine of £4 on each charge was imposed.

Irish News

Brevities

It is proposed to hold an industrial fair in Cork in 1932.

At a recent meeting of Londonderry traders and merchants it was decided to hold another civic week in May of next year.

At Portadown, recently, Mr. A. L. Martin, Ph.C., was fined 20s., with 20s. costs, for failing to register sales of methylated spirit.

Mr. G. B. Johnston, Ph.C., Coleraine, has been appointed by the Synod of Londonderry as a member of the coming Wesleyan Conference.

Mr. Sean French, a former Lord Mayor of Cork, has intimated that he does not propose to be a candidate for the Dail at the next general election.

Mr. John J. Anderson, L.P.S.I., left Dublin for Geneva recently to attend the International Conference of the League of Nations on the question of traffic in narcotic drugs.

In the window-dressing competition promoted by Lisburn Chamber of Commerce, the challenge cup for the best window was won by Alexander Boyd & Co., Ltd., chemists.

The Minister for Industry and Commerce has made an Order directing that a census of production be taken in respect of chemicals, oils, etc., in the Irish Free State for the year 1931.

A discussion on National Health Insurance took place in Dail Eireann, on May 1, on the vote for the sum of £206,917. Lack of certification was alleged, but eventually the vote was agreed to.

At Clogher, recently, Alexander McLaren & Son, Augher, were fined 1s., with 15s. 6d. costs, for having

sold sweet spirit of nitre which on analysis was found to be deficient in ethyl nitrite.

On his departure for Mountmellick, where he is to open business on his own account, Mr. Patrick Walsh, L.S.P.I., manager of the Medical Hall, Thomastown, was presented with a gold watch and chain by friends.

The clerk of Newtownards Board of Guardians stated recently that, for the half-year ended March 31, the returns for medicines to the dispensaries showed a decrease on the previous half-year, attributed to the operation of medical benefits.

In the winter window-dressing competition, under the auspices of Five-mile-town shopping week, a joint second prize was awarded to Kyle & Co., chemists (window dressed by Miss J. Kyle); Mr. S. Gamble, Ph.C., acted as secretary of the shopping week.

At Strabane, recently, Daniel Christie was summoned for having sold ginger wine which was certified by the public analyst to contain only 0.46 per cent. of alcohol. It was stated for the defendant that ginger wine was a temperance drink; the justices dismissed the case.

A comprehensive review of the work of the Belfast and District section of the Institute of Chemistry during the past year was contained in the report submitted at the annual meeting in Belfast on May 15. Membership had been well maintained and the finances are in a satisfactory state. The reports were passed. The following officers were elected for the ensuing year:—Chairman, Dr. J. Hawthorne; Treasurer, Dr. W. Honeyman; Secretary, Mr. C. S. McDowell; Committee, Miss C. Park, Messrs. R. C. Barkett, H. Hall and J. W. Porter.

At a meeting of the Munster Association of the Institute of Ophthalmic Opticians, Ireland, in Limerick, recently, Mr. Arthur Williams, secretary of the Association, said that he was optimistic of obtaining legislation from the Dail to put the practice of optometry under State control. His Association had about sixty members on the register, and most of them held either the B.O.A. or F.S.M.C. diploma. Regarding education, he said it had been decided that an examination scheme should immediately come into operation, open to persons of either sex having attained the age of twenty-one years. The Council had set its face against the use of the words "qualified optician." Successful candidates would describe themselves as "Diplomats in Optometry of the Association of Ophthalmic Opticians, Ireland," which could be abbreviated, "Dipl.Opt.(A.O.I.)."

Business Changes

TIMOTHY WHITES (1928), LTD., have opened a branch at 69 High Street, Watford.

MR. F. L. TEW, chemist and druggist, has acquired the branch business of Mr. J. Arthur Wright, chemist and druggist, Penn Fields, Wolverhampton.

MR. G. W. HALES, chemist and druggist, has acquired the business of Mr. Herbert Sara, chemist and druggist, Market Hill, Framlingham, as from June 1.

MR. HAROLD HOWES, Ph.C., has disposed of his businesses in Birmingham, and has purchased the business of Mr. J. Arthur Wright, chemist and druggist, 8 Lichfield Street, Wolverhampton; in consequence of his removal from Birmingham, Mr. Howes has resigned from the executive of Chemists' Mutual Wholesale, Ltd.

Gazette

RECEIVING ORDER AND ADJUDICATION

HEPTINSTALL, G. H., 33 Cemetery Road, Sheffield, pharmacy proprietor.

Dental Board of the United Kingdom

THE twentieth session of the Dental Board of the United Kingdom opened at 44 Hallam Street, London, W.1, on May 12, Sir Holburt Waring (senior treasurer) in the chair. In the absence of the chairman of the Board (Sir Francis Dyke Acland, Bt.) through illness, the

CHAIRMAN'S ADDRESS

was read by Sir Holburt Waring. After a few congratulatory remarks on the activities of various members of the Board in other spheres, the address proceeded to indicate general rules of conduct in two matters likely to cause difficulty to individual dentists. The first is the requests from publishers of local directories for a fee in respect of insertion or reinsertion of names; it was recommended that no such proposal be entertained. A slightly different type of case is that in which no fee is asked for insertion but a voluntary subscription is expected; in such a case also dentists were advised to have nothing to do with such lists unless there is the clearest proof that every local dentist's name is included in them. The second matter is the giving of commission or discount to, or in connection with the treatment of, any class of persons. It was suggested that the only discount permissible was one which fairly represented the saving in trouble and expense of collecting accounts. Among other matters dealt with in the address was the difficulty caused by public authorities dividing local dentists into two categories. The view was expressed that the dental profession should regard itself, and be regarded by others, as one. The remainder of the chairman's remarks related to such matters as dental grants and courses of lectures.

DISCIPLINARY CASES

The Board proceeded to the consideration of cases of Glasgow dentists, who had been summoned to appear on charges of excessive advertising by means of unduly large letters and so forth. The names of the respondents were Mr. James Russell, 12 Newton Street, Charing Cross; Mr. John MacLeod, L.D.S., R.F.P.S. Glasg., 379 St. Vincent Street; Mr. John Macfarlane Logan Craig, 81 Calder Street, Crosshill; and Mr. Allanwood Neilson, L.D.S., R.F.P.S. Glasg., 136 High Street, Falkirk. The Board found the charges proved in each case, but decided that the names of the respondents should not be erased from the Register.

The next case taken was that of Mr. Ernest Harold Christopher Bailey, Harvard House, 11 Collins Street East, Melbourne, C.1, against whom it was alleged that he had been convicted of receiving stolen property. The respondent was not present, and an application from his legal adviser for the adjournment of the case was refused. After deliberation the Board decided that the respondent's name should be erased from the Register.

A case originally before the Board in May 1930, that of Mr. Edwin Spencer Tebbutt, L.D.S., R.C.S.Eng., 30 Finsbury Square, London, E.C.2, which followed convictions for drunkenness, was concluded by the retention of the respondent's name on the Register.

Mr. William Birkett, 497 Barking Road, Plaistow, E.13, was summoned on eight charges relating to one address and four charges relating to another, both alleging excessive advertising. The facts were found by the Board to be proved, and the respondent was given six months in which to acquiesce in the Board's suggestions.

The last case taken on May 12 was that of Mr. Albert Edward Tolley, 14 Hagley Road, Halesowen, against whom the charge was that he had sent out handbills advertising a remedy of his own for throat troubles and including his professional cards. This case, adjourned from the May 1930 session, resulted in the retention of the respondent's name on the Register.

(To be concluded.)

Legal Reports

Merchandise Marks Act.—At Birmingham Police Court, on May 21, Mrs. Gladys Nordwynd, Alexander Road, Edgbaston, was summoned for obtaining money by false pretences, for attempting to do so on another occasion, and for three offences under the Merchandise Marks Act—falsely applying to certain goods a registered trade mark, selling the goods with the false mark, and exposing the goods for sale. William Levene, Glenshaw Road, London, S.W., was also summoned on the last three counts. Both defendants, through Mr. H. Willison, pleaded "Not guilty." Mr. Arthur Ward (prosecuting) stated that on April 4 a Mr. Elliott went to the exhibition at Bingley Hall, and in the gallery came to a stall tenanted by Levene. Both defendants were at the stall and, as Mr. Elliott and his wife passed, the young woman asked them if they would like some shampoo powders which she had in her hand. She said they were giving away some eau de Cologne with the shampoo powders. Mrs. Elliott sampled the perfume, asked if it was genuine, and was told it was. Mrs. Elliott further asked whether the shampoo powders were real Amami powders. The female defendant said they were, and explained that they were "Miami," which name contained some letters from the name "Amami." Mr. Elliott bought three for 1s. 6d. Mr. Elliott made a complaint to the manufacturers of Amami powders, and on April 16 Mr. E. Draper of the Amami company came from London to visit the exhibition. Mr. Draper obtained the services of a young woman, and when they approached the stall the female defendant told them a similar story. Mrs. Elliott said that when she asked why the name was not spelt the same as Amami the woman defendant said it was a new product made by the Amami company. Edward Draper, cross-examined, said neither he nor his employers knew that the Radio Soap Co. made the Miami shampoos. Mr. C. E. Sage, F.I.C., Ph.C., analyst, said the perfume which Mrs. Elliott had received was only "flavoured water." The only resemblance between the two shampoo powders was that they both contained soap and alkali. On the submission of Mr. Willison, the summons against the woman defendant for attempting to obtain money by false pretences from Mr. Draper was dismissed. Nordwynd was found "Guilty" of obtaining money by false pretences, and was bound over for six months. For selling and exposing for sale she was fined a total of 40s. Levene was found "Guilty" of selling and exposing for sale, and was fined a total of £4.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office.

F. C. PARR & CO., LTD. (P.C.).—Capital £100. Objects: To carry on the business of patent medicine proprietors, chemists, druggists, etc. The directors are: F. C. Parr and O. H. Harding. R.O.: Fitz-Clarence, Marine Parade, Brighton.

OXLEY'S CRYSTAL TABLE WATERS, LTD. (P.C.).—Capital £100. Objects: To carry on the business of aerated and mineral water manufacturers, essence makers, etc. The directors are: F. C., F., and W. L. Oxley. R.O.: The Brewery, Wetherby, Yorks.

W. H. HOLLAMBY, LTD. (P.C.).—Capital £5,000. Objects: To carry on the business of chemists and druggists, etc. The directors are: W. H. Hollamby, B. F. Watson, G. Ticehurst, C. B. Ryder and J. B. Hook, "Bruton," Victoria Drive, Eastbourne, secretary.

ROBERT ANDREW & CO., LTD. (P.C.).—Registered in Belfast on May 8. Capital £2,000. Objects: To acquire the business of pharmaceutical chemists and druggists,

etc., carried on by R. Andrew and J. G. Kennedy. The directors are: R. Andrew and J. G. Kennedy. R.O.: 75 Crumlin Road, Belfast.

PHYLLIS NEILSON TERRY, LTD. (P.C.).—Registered May 22. Capital £500. Objects: To carry on the business of manufacturers of, and dealers in, toilet and other powders, dyes, soaps, etc. The directors are: Phyllis Neilson Terry, Rosemary Cohen, Pamela Boscowen and R. A. Banon. R.O.: Berners House, 47/8 Berners Street, Oxford Street, W.1.

GOUTEX, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers and salesmen of a medical preparation called "Goutex," for the cure of gout, rheumatism, lumbago, sciatica and all other acid troubles of the body, etc. The subscribers are: J. C. Crutweli and J. B. Rose. Major T. Todd shall be first and permanent director. Solicitors: Forsythe & Kerman, 9 Carlos Place, Grosvenor Square, W.1.

THE PONTARDULAIIS CHEMICAL CO., LTD.—At a meeting held on May 21 it was resolved that this company be wound up voluntarily. Mr. J. S. C. Taylor, 13 St. Mary Street, Swansea, and Mr. E. A. Williams, Plas Gwyn, Pontardulais, were appointed joint liquidators.

BRITISH ALKALOIDS, LTD.—The net profit for the period to March 31 last was £2,494, and £156 is written off preliminary expenses, a dividend of 8 per cent. being paid on the participating preference shares, leaving £349 to be carried forward (against £326 brought into the accounts). A further call of 2s. 6d. per share is to be made on the preference shares.

B. LAPORTE, LTD.—A net profit of £35,242 is reported for the year ended March 31, compared with £31,826 for 1929-30. The dividend on the ordinary shares is maintained at 9 per cent., £2,500 is again to be placed to investments reserve, and £2,000 (against £1,445) is to be added to reserve. Patents account is to be reduced by a further £1,000 (against £500), and £7,000 (against £6,000) is transferred to income-tax suspense account, leaving £11,573 to be carried forward (against £10,733).

NATIONAL DRUG & CHEMICAL OF CANADA.—The net revenue for the year to January 31, 1931, was \$87,931, balance in profit and loss account being \$467,106. Reserves are as follows: depreciation (buildings and plant) \$298,660 (\$282,744), insurance \$56,077 (same), against bad debts \$163,266 (\$137,999). Net revenue is shown, after making provision to extent of \$25,300 for possible future loss from bad debts. Appraisal (\$1,496,826) company's warehouse properties made in 1930, shows balance-sheet value for land and buildings to be conservatively stated. Revised valuations indicate surplus of \$38,000. The company assisted in retirement at September 1 last, of Lyman Bros. & Co., Ltd., by purchase of that house's stock-in-trade. Transaction was carried through without assistance from bankers, and removal expenses were written off as of 1930.

Bankruptcy Report

Re Edgar George Monk, High Road, Chilwell, Nottinghamshire, chemist and druggist. The adjourned application for discharge was heard recently at the County Court House, St. Peter's Gate, Nottingham. The debtor was questioned regarding the disposal of his stock, which he had stated at the previous hearing had been destroyed after he had failed to find a purchaser for it. He now said that he had destroyed certain drugs which were dangerous, and they had been worth about £30, but the remainder of the stock had been sold by the landlord and had fetched £18 by auction. The discharge was granted subject to the debtor paying £50 at the rate of £2 a month, and also subject to a claim for £100 by a relative being withdrawn.

Lancashire Analyst's Report

THE latest annual report of the analyst for Lancashire (Mr. G. D. Elsdon, B.Sc.), covering the year 1930, states that the total number of samples examined was 5,303, of which 4,987 were submitted under the Food and Drugs (Adulteration) Act and twenty-eight under the Fertilisers and Feeding Stuffs Act. The percentage of adulteration for all samples was 2.6 (1929, 2.8; average of five years, 1926-30, 2.6). The following are the principal passages of interest to our readers:—

ARROWROOT.—During the year 1930, 108 samples of arrowroot have been examined, of which four have been returned as adulterated. In three cases the adulteration has consisted of the addition of foreign starch, whilst in the fourth case 9 per cent. of cream of tartar was present in addition to 40 per cent. of foreign starch. An informal sample of arrowroot . . . was found to contain 35 per cent. of starch foreign to arrowroot, having the characteristics of sweet potato starch. As a result of this, a formal sample . . . was taken from the same vendor. This sample was found to contain 40 per cent. of starch foreign to arrowroot having the characteristics of sweet potato starch and 9 per cent. of cream of tartar. At the hearing of the case, the warranty defence was pleaded, and this was accepted by the magistrates. . . . It was impossible to take a case against the firm giving the warranty, who were not represented at the hearing, because the warranty was given more than six months previously and, under the Summary Jurisdiction Act, it is not possible to take proceedings for false warranty more than six months after the giving of the warranty.

PEARL BARLEY.—During the year thirty-four samples of barley have been examined, of which three have been described in their certificates as adulterated. Sample No. 2015 H.B.D., an informal sample, was found to be faced with maize starch to the extent of 1.3 per cent. A subsequent formal sample from the same vendor, No. 2045 H.B.D., was also faced with maize starch to the extent of 1.5 per cent. Both samples have been described as adulterated, and the manufacturers involved have been cautioned.

GROUND GINGER.—Ninety-eight samples of ginger have been examined during the year, of which two have been classified as adulterated. Of these, sample No. 1849 R.D. contained 7.86 per cent. of total ash, 4.92 per cent. of ash insoluble in water, and 0.28 per cent. of sand. The amount of ash insoluble in water is excessive, it was caused by the presence of chalk, which is said to be added to prevent the growth of weevils. Most of the ground ginger of commerce is free from added chalk, and therefore it would appear that this addition is not necessary. It may be alleged that some types of ginger are more prone to the attacks of weevils than others, but in this case it would appear desirable to inform the purchaser of the particular type of ginger supplied, and the necessity for such treatment, as some purchasers might prefer to avoid weevils by purchasing that type immune from their attack. The other adulterated sample, No. 883 L.B.D., was very deficient in flavour and aroma. This sample had the following characteristics. Total ash, 4.06; ash soluble in water, 2.32; ash insoluble in water, 1.74; aqueous extract, 10.5; alcoholic extract, 4.3; total ether extract, 4.1, and volatile ether extract, 1.2.

CREAM OF TARTAR.—Since the year 1926, 204 samples of cream of tartar have been examined, of which six have been returned as adulterated. In five cases the adulteration might be looked upon as substitution or as accidental or careless admixture, in the remaining case 40 parts of lead per million were present. The 198 genuine samples contained upwards of 98.5 per cent. of cream of tartar. Fourteen of the samples contained 1 part per million of arsenic, whilst one contained 2 parts per million. Negative results were obtained

with the remaining samples. The amount of lead found ranged from *nil* to 21 parts per million.

AMMONIATED QUININE TABLETS.—During the last five years ten samples of ammoniated quinine tablets have been examined, of which five have been returned as adulterated. Three of these were very deficient in ammonia, whilst the other two were also deficient in quinine to the extent of 60 per cent. . . . There is no difficulty in preparing the tablets of the correct strength so far as quinine is concerned, but unless the tablets are very carefully prepared and stored in hermetically sealed bottles, there is a very great risk of deficiency in ammonium carbonate, even though the correct amount has originally been present. . . . Apart from the absence of alcohol and the slow rate at which the quinine will be absorbed, the tablets are not infrequently almost devoid of ammonia. In addition to the variation in ammonia, such tablets vary in their proportion of quinine. Some of them contain an amount equivalent to a teaspoonful of the B.P. tincture, whilst others an amount equivalent to half a teaspoonful. This is not particularly objectionable in those cases where the strength is clearly stated on the label, but this is by no means always the case, and it would appear to be desirable that some uniform practice should be adopted.

Retail Pharmacists' Union

MEETINGS of the Executive of the Retail Pharmacists' Union and Chemists' Defence Association were held at 4-5 Queen Square, London, W.C.1, on May 19, Mr. W. H. Clubb in the chair.

N.H.I. ADDITIONS TO TARIFF, SCHEDULE II

A suggestion was received from the Ministry of Health that adhesive elastic bandages should be added to the Schedule of Appliances, also cellulose tissue and cellulose wadding. The Executive agreed that it would be in the interests of insured persons, doctors, as well as the drug fund, that these articles should be added to the Schedule.

REVCATION OF CLAUSE 4 (4)

The secretary reported that the action against the Minister of Health had been struck out of the lists. The action had been taken in the Chancery Court on the advice of eminent counsel and further advice had been received that an appeal should be lodged against the case being struck out of the lists. The Executive instructed the secretary to make arrangements for an appeal, being of opinion that the principle involved was so important that a final ruling should be obtained.

PHARMACY AND POISONS BILL

The secretary gave a full report of the action taken both in conjunction with the Society and separately in regard to the Pharmacy and Poisons Bill. He reported that the Bill will have to wait until the Government can allocate time for it, as it is an opposed measure. The Executive gave the secretary authority to take any necessary action in support of the policy of opposition to the Bill until acceptable amendments were made.

C.D.A. Matters

The secretary reported that there were ten cases outstanding since the last meeting, of which two might be considered closed, and the following settlements had been effected:—(1) Injuries caused to finger by nitric acid applied to wart; claim settled by payment of £2. (2) Belladonna poisoning caused by pile ointment supplied; claim settled by payment of 10s. 6d.

Three new cases had arisen during the month, and settlements had been effected in two of these as follows:—(1) Clothing spoiled by disinfectant supplied in cracked bottle; claim settled by payment of 5s. (2) Injury caused by slipping on polished shop floor; claim settled by payment of 8s.

Pharmaceutical Society of Ireland

Council Meeting

THE monthly meeting of the Council of the Pharmaceutical Society of Ireland was held at 67 Lower Mount Street, Dublin, on May 12, Mr. Denis J. Nugent (president) in the chair. The following members of the Council were also present:—Dr. Michael Ryan (vice-president), Mr. Patrick Brooke Kelly (treasurer), Dr. J. A. Mitchell, Sir Thomas Robinson, Messrs. P. J. Fielding, M. J. Kieran, Joseph Gorry, P. D. Larkin, James MacCormack, P. Kieran, Timothy Costelloe, P. A. Brady, John J. Roche, and David Warwick. Mr. James J. R. Kerr (registrar) was in attendance. The following sent apologies for non-attendance:—Messrs. John Smith, T. J. Smith, F. J. Fitzpatrick, Wm. P. J. Gannon and Patrick Liston.

VOTE OF CONDOLENCE

On the motion of the PRESIDENT, seconded by Mr. BROOKE KELLY, a resolution was passed in silence, the members standing, expressing the Council's deepest sympathy with Mr. Hugh Wier, M.P.S.I., on the death of his wife; with Mr. W. J. Adamson, M.P.S.I., on the death of his nephew, Mr. Robert St. Clair Adamson, L.P.S.I.; with the relatives of the late Mr. Thomas J. Orr, M.P.S.I.; and with Mr. Edgar Aplin (associate druggist) on the death of his son.

Mr. FIELDING, referring to the death of Mr. St. Clair Adamson, said he was a young barrister of very great ability, and was looked upon in the King's Inns as a man with a bright future. His death was deeply regretted.

DANGEROUS DRUGS TRAFFIC

The registrar submitted a letter from Mr. Sean Murphy (secretary to the Minister for External Affairs) stating that he was directed by the Minister to acknowledge receipt of a letter dated March 13, containing the text of a resolution passed by the Council at its meeting on March 10, and adding:—"In reply to your letter the Minister desires me to state that he will be glad to receive an expression of the views of your Society on any question connected with the international regulation of the traffic in 'dangerous' drugs, and that he will give sympathetic consideration to any representations which he may receive in this connection, before he takes any decision or gives any instructions to the Irish representative at Geneva on the matter."

CHANGES OF ADDRESS

The following notified changes of address:—

Mrs. E. H. McElwee, M.P.S.I., to The Pharmacy, Charleville, co. Cork; Mr. M. P. McGoldrick, Ph.C., to the Central Medical Hall, Ballinrobe, co. Mayo; Mr. A. E. Ferris, Ph.C., to 8 Albion Parade, Stoke Newington, London; Mr. P. Fenton, Ph.C., to The Medical Hall, Rose Inn Street, Kilkenney; Mr. A. Morrow, Ph.C., to 22 Churchtown Road, Rathgar, Dublin; Mr. Valentine Carney, R.D., to 95 Terenure Road, Rathgar, Dublin; Mr. N. E. Sutton, Ph.C., to Ardnagrena, Bandon, co. Cork; and Mr. Gerald O'Neill, M.P.S.I., to 26 Scotch Street, Dungannon.

CHANGES OF NAMES

The registrar submitted communications from Mrs. Hannah O'Sullivan Carney, Ph.C. (*née O'Sullivan*), 95 Terenure Road, Rathgar, Dublin, and from Mrs. Pilkington, M.P.S.I. (*née Johnston*), The Medical Hall, Charlestown, co. Mayo, enclosing marriage certificates and desiring change of name in the Register. The registrar also submitted a communication from Mr. Isaac Henry, formerly Henry Isaacson, Ph.C., submitting deed poll and desiring change of name in the Register. The applications were granted.

ADMISSION TO REGISTRATION

Mr. Denis McLoughlin, L.A.H., who submitted his diploma, was admitted to registration as a pharmaceutical chemist.

PRELIMINARY REGISTRATION

The following, who submitted certificates from other bodies, were admitted to preliminary registration:—Miss M. Montgomery, Miss E. M. Keane, Messrs. D. G. A. O'Leary, A. Fine, W. H. Ridd, M. G. D. McKenna and J. N. Daly.

DEPUTATION FROM CHEMISTS' ASSISTANTS

The Council received a deputation representing the Chemists' Assistants' section of the Irish Union of Distributive Workers and Clerks in reference to the proposed pharmacy legislation.

The PRESIDENT said they had just heard their views read by the registrar. They felt deeply grateful to the deputation for coming there and for having put their views before them. They might rest assured that anything the assistants had put before them would, when the time came, be discussed by the Council, and that careful consideration would be given to it.

Mr. L. J. DUFFY (secretary to the Irish Union of Distributive Workers and Clerks) expressed the thanks of the deputation, and said he presumed the president was referring to the Council's draft Bill.

The PRESIDENT: Yes.

Mr. DUFFY said that while the assistants contemplated that the Council's draft Bill would not differ very vitally from anything they had suggested, if a difficulty arose, the assistants and the Council might be able to make a joint representation which, they thought, would be much stronger than a representation from either of them alone. If both parties were to state that they were proposing something which was fair to the public and to the business, it might go much further than an approach from one of the parties. They thanked the Council very much for having given them the opportunity of attending.

The PRESIDENT said that when they were dealing with the matter they would give the views of the deputation very careful consideration.

The deputation then withdrew.

REPORTS FROM COMMITTEES

Reports from the House Committee, the Law Committee, the Schools Committee, and the Special Committee on the Veterinary Surgeons' Bill were received and adopted.

SOCIETY'S SCHOLARSHIP EXAMINATION

Arising out of the report of the Schools Committee, the regulations, of which the following is an abstract, in reference to the Society's Scholarship examination were adopted:—

Held annually on the third Tuesday in the month of September, at 67 Lower Mount Street, Dublin.

Scholarships two in number—first-class and second-class.

Subjects:—(a) *Pharmacy and Prescription Reading*. In this subject candidates will be asked questions concerning the ingredients of the galenicals of the B.P. Candidates should be able to write correctly the full official names of the drugs, chemicals and preparations of the B.P., and should have a knowledge of the common synonyms and doses. They will be tested as to their ability to translate Latin prescriptions into English, and they should be familiar with the imperial and metric systems of weights and measures and be prepared to work out calculations involving both these systems; (b) *Poison Regulations and D.D.A.*; (c) *Elementary Book-keeping, Office Routine and*

Business Methods as covered by the first year's technical school course of the Department of Agriculture and Technical Instruction.

The examination to be open to all registered students of the Pharmaceutical Society of Ireland who have served not more than four years as apprentice or assistant to a pharmaceutical chemist, or to a firm of pharmaceutical chemists, whose certificate of services would be accepted under the regulations.

Application for examination must be lodged with the registrar of the Society fourteen clear days before the date fixed for the examination, and be accompanied by an entrance fee of 5s.

PHARMACOPÆIA BILL

The PRESIDENT referred to an interview which the vice-president and himself had had with the Minister for Local Government and Public Health. They pointed out that they had a representative on the Pharmacopœia Committee in London. General Mulcahy said he would put their views before Dr. Coffey. Later they saw Dr. Coffey, with whom they had a very satisfactory interview.

CO-OPTION OF A MEMBER OF COUNCIL

The PRESIDENT proposed that Mr. Joseph Francis Costello, M.P.S.I., Galway, be co-opted a member of the Council in lieu of the late Mr. T. J. Doyle. He felt quite sure, he said, that Mr. Costello would adorn the Council, and that his colleagues would be satisfied as to his attitude on all matters. The West of Ireland ought to have a representative on the Council. There could not be a better one than Mr. Costello.

The VICE-PRESIDENT seconded the motion, which was unanimously adopted.

TREASURER OF THE BENEVOLENT FUND

Mr. John Joseph Roche was unanimously elected treasurer of the Benevolent Fund, in lieu of the late Mr. Doyle.

AMENDMENT OF REGULATIONS

The VICE-PRESIDENT proposed in accordance with notice of motion:—

That the Regulations be amended as follows:—

(1) Omit the following words from Regulation XVII, Page 97, of current calendar: "Examinations will be held on the second Wednesday and following days of January, April, July and October, commencing at 10 a.m. (Order of November 12, 1877, amended by order November 29, 1890)" and "When the third day of the Pharmaceutical Licence examination in April falls on Good Friday, said examination shall commence on the previous Tuesday. (Order of June 9, 1906)" and insert instead: "Examinations will be held on the Monday, following the second Tuesday, of the months of January, April, July and October, and the following days, or on such other days as the Council may direct."

(2) Omit the following words from the Regulation IV, Page 87: "Examinations shall be held (at Dublin) on the Saturday following the Pharmaceutical Licence examination in January, April, July and October, at eleven o'clock (and at Belfast on same dates, when twelve or more persons make application for examination thereat) or on such other dates as the Council may direct. (Order of September 15, 1891, and April 14, 1892)" and insert instead: "Examinations shall be held on the Thursday following the Pharmaceutical Licence examination in January, April, July and Council may direct."

The PRESIDENT seconded the motion, which was unanimously adopted.

PROPOSED HERBARIUM

Mr. P. KIERAN proposed in accordance with notice of motion:—

That an herbarium be established at Mount Street for the use of students who are reading for their Final examination, the herbarium to be equipped as follows: Suitable shelving should be fitted to hold *materia medica* specimens, preserved flowers and fruits, B.P. preparations, etc. A wall case to display coloured charts of plant structures

should be provided. It would also be necessary to have laboratory benches provided, with suitable lighting equipment for microscopical work.

Mr. LARKIN seconded the motion, which was, on the suggestion of Mr. KIERAN, referred to the Schools Committee.

REPORTS FROM EXAMINERS

The registrar submitted reports from the examiners on the results of the April examinations, from which it appeared that there were sixteen candidates for the Preliminary examination, of whom six passed; that for the Assistants' examination there were seven candidates, of whom five passed; that for the Registered Druggist examination there were four candidates, of whom one passed; and that for the Licence examination there were sixty-one candidates, of whom eighteen passed.

The registrar read a report from Messrs. Thomas J. Burke and Geo. C. Hewson, examiners, who stated that, in the pharmacy section of the April Licence examination the candidates were fairly good. The weakest point seemed to be practical compounding. The reason of this seemed to be that candidates did not bring their knowledge of chemistry to bear on the difficulties they met with in the prescriptions.

SEALING OF PHARMACEUTICAL LICENCES

On the motion of the PRESIDENT, seconded by the VICE-PRESIDENT, the pharmaceutical licences of the following were directed to be sealed:—

Margaret M. Brady, J. J. Callanan, J. J. Burke, W. Creaven, H. J. McDevitt, R. A. Willoughby, Irene M. Keaney, R. J. Curtis, M. MacElroy, Frances N. O'Clery, Catherine O'Driscoll, S. Young, J. K. Whelehan, R. I. Jones, F. W. Gallagher, M. M. O'Reilly, J. Mason and V. P. M. Good

VOTES OF THANKS

Votes of thanks were passed to the President of University College, Dublin, for the use of the laboratory for the practical chemistry division of the Pharmaceutical Licence examination, and to the Board of Works for the loan of desks for the Preliminary examination.

ELECTIONS AND NOMINATIONS

On the motion of the PRESIDENT, seconded by the VICE-PRESIDENT, the following were elected to membership:—

Mrs. C. Guilmartin, Ph.C., The Medical Hall, Bundoran, co. Donegal; Mrs. E. McElwee, Ph.C., The Pharmacy, Charleville, co. Cork; Mr. J. P. Lamphier, Ph.C., c/o Leonard & Co., Talbot Street, Dublin; Miss M. Wrixon, Ph.C., Central Pharmacy, Ltd., 37 Bank Place, Mallow; Mr. Thomas Larkin, Ph.C., 39 Patrick Street, Fermoy, co. Cork.

On the motion of the PRESIDENT, seconded by the VICE-PRESIDENT, the following were nominated for membership:—

Mr. M. P. McGoldrick, Ph.C., Central Medical Hall, Main Street, Ballinrobe, co. Mayo; Mr. John Curran, Ph.C., Greenbank, Pudsey, Leeds; Mr. John J. Callanan, Ph.C., Bellevue Hotel, Lisdoonvarna, co. Clare; Mr. Robert A. Willoughby, Ph.C., Castlecomer, co. Kilkenny; Miss M. Murphy, Ph.C., 4 Anglesea Terrace, Anglesea Street, Cork; and Mr. P. J. Griffin, Ph.C., The Medical Hall, Tullow, co. Carlow.

Mr. Francis McGrath, R.D., 16 South Main Street, Bandon, co. Cork, was nominated for associateship.

Special Council Meeting

The draft Pharmacy Bill submitted by the Government was under consideration at a special meeting of the Council of the Pharmaceutical Society of Ireland, held prior to the ordinary monthly meeting. Its consideration was resumed after the business on the agenda had concluded, and was further adjourned to the second Tuesday of June.

Pharmaceutical Society of Northern Ireland

Council Meeting

The monthly meeting of the Council was held on May 15, in the Society's offices, Belfast, the president (Mr. S. S. Badger, J.P.) in the chair. There were present also:—Messrs. James Dundee (vice-president), Fred Storey, H. Todd, R. I. Edwards, S. Gibson, A. C. McBride, J. E. Connor, W. Martin, H. McRoberts, W. S. Taylor, Professor Small, and Dr. S. E. A. Acheson. Mr. D. L. Kirkpatrick (secretary) was in attendance.

A DISTINCTION BETWEEN COMMITTEES

Arising out of the minutes the SECRETARY said that the solicitor had given it as his opinion that the president and vice-president were not *ex-officio* members of special committees. They were *ex-officio* members of the statutory committees.

LICENCES UNDER THE 1908 ACT, SECTION 2

The following letter was received from the Ministry of Home Affairs:—

"I am directed by the Minister of Home Affairs for Northern Ireland to refer to your letter of June 24, 1930, appealing against the issue by the various County Councils of certain licences under Section 2 of the Poisons and Pharmacy Act, 1908, and to state that, after giving the matter full consideration, the Minister has disallowed the appeal of the Pharmaceutical Society in the cases mentioned in the attached list. I am to add that further inquiries are being made concerning the other licences appealed against, and an opportunity is being given to the various County Councils concerned, and the licences to make such representations as they may desire. When these representations have been considered a further communication will be addressed to you giving the Minister's decision regarding the remaining licences appealed against by the Pharmaceutical Society."

The cases in which the appeal was disallowed were:—

Antrim.—Annie Anderson, Lisburn; D. McAllister, Cushendall; A. McAllister, Cushendall; W. & J. Stevenson, Cushendall; Neita J. N. Johnston, Carnlough.

Armagh.—Wm. McCullough, Keady; Wm. Barr, Tanderagee.

Down.—F. A. Stewart, Portaferry; T. S. McDonnell, Portaferry; W. L. Maxwell, Kircubbin.

Londonderry.—Patterson Boyle, Dungiven; Kilcronaghan Co-Operative Agricultural Society, Ltd., Draperstown.

Tyrone.—J. & M. Fair, Ballygawley; R. Lendrum, Dromore.

The Minister of Home Affairs wrote that he had authorised the Londonderry County Council to issue licences under Section 2 of the Poisons and Pharmacy Act, 1908, to Joseph McBride, Bernard Rogers and Robert Taylor, all of Draperstown.

Mr. CONNOR said so far as the county chemists were concerned this would leave them high and dry. Were they going to take it lying down? In his district only last week a large consignment of sheep dip arrived by steamer, which meant that the local chemists were all cut out. The agent for the stuff did not live in the Six Counties at all. He suggested a deputation to the Ministry. Cattle medicines were also being sold by unauthorised persons.

The SECRETARY said that there were forty or fifty cases still under consideration. According to the Act wholesale firms could supply farmers with as much sheep dip as they liked.

The PRESIDENT said that in many cases the chemists left themselves open to this, as they would not stock the stuff.

Mr. MCBRIDE said it would be necessary to have the law altered.

Mr. TODD said that they sent a deputation to the Ministry two years ago, but the Minister had not apparently been able to carry out what he intended on that occasion.

After further discussion it was decided not to send a deputation pending a decision in the remaining cases.

OTHER BUSINESS

It was decided to make a grant of £10 towards the entertainment fund for the visit of the British Mycological Society to Belfast on September 5 to 12.

On the motion of Mr. EDWARDS, seconded by Mr. TODD, the secretary was directed to convey the sympathy of the Society to Mr. John F. Grimes, a member of the Council, who was unable to be present.

Discussion took place on the report of the House Purchase Committees of April 22 and 27, and it was eventually decided on the motion of Mr. McBRIE, seconded by Mr. DUNDEE, to take no further action in the matter of the purchase of the Y.W.C.A. building, Donegall Square East, which had been offered at £10,000. A letter was received from the Ministry of Home Affairs stating that they could not recommend a grant for that purpose.

Miss Nethery, Dungannon, wrote notifying the death of her father, Mr. James Nethery, Ph.C., and asking for permission to keep open shop for the sale of patent medicines. Permission was granted provided a qualified manager was put in.

South African News

From "C. & D." Correspondents.

"The Chemist and Druggist" is supplied weekly to members of Chemists' Societies in South Africa.

The Union

IMPORTATIONS OF HABIT-FORMING DRUGS.—The total quantities of habit forming drugs authorised to be imported into the Union during the year ended June 30 last were: Opium, 815 lb.; morphine, 79 lb.; cocaine, 91 lb.; heroin, 26 lb.; cannabis indica, 29 lb. Apart from dagga smoking by natives and coloured persons and opium smoking by a few Chinese addicts the illicit use of habit-forming drugs in the Union is comparatively trifling.

Cape Province

PHARMACY ACT CRITICISED.—The Pharmaceutical Society of the Cape Province gave a dinner at the Opera House Restaurant, Cape Town, on April 9, in honour of the delegates to the ninth annual conference of the Associated Pharmaceutical Societies of South Africa. Mr. H. R. Hudson, vice-president of the Associated Pharmaceutical Societies, replying to the toast of the Societies, said that the Societies had been instrumental in altering certain clauses of the Medical, Dental and Pharmacy Act. For two years they had been observing the workings of the Act, and the beautiful rose bush, originally so much admired, had been found to have a very thorny exterior. The measure stood before them to-day, gaunt and forbidding, and affording practically none of that protection which was theirs by right and training. The time had come, he declared, to ask for their rights and privileges, and better control of those things, which the Government demanded, by regulation, training and stiff examination.

Pharmaceutical Societies of South Africa

The ninth annual conference was held in Capetown at Easter. The following officers were elected for the forthcoming year:—President, H. R. Hudson (Natal); Vice-Presidents, D. M. Jamieson (Port Elizabeth), S. G. Smith (Johannesburg); Hon. Treasurer, J. S. Ferguson (Johannesburg), and Secretary, Wm. Last (Johannesburg). The new president, Mr. H. R. Hudson, was apprenticed in Hull in 1912. After four years' active service with the 2nd Northumberland Field Ambulance he proceeded to South Africa in 1921 to take up the position of head chemist in the laboratories of Messrs. Allen & Hanburys (Africa), Ltd. He has been secretary to the Natal Pharmaceutical Society for the past four years, and has been an examiner in chemistry to the South African Pharmacy Board since its inception.

Association Meetings

Aberdeen.—The Aberdeen Pharmaceutical Association, at their quarterly meeting on May 19, had as their guests the evening class students from the School of Pharmacy. The president (Mr. M. K. Watt) welcomed the students, and introduced Dr. Tocher, one of the governors of Gordon's Colleges. Dr. Tocher presented the prizes won by the students at the Association's recent examinations, criticised the results, and gave hints as to how questions should be answered from the examiner's point of view. He also explained the new hours and regulations. The vice-president (Mr. Mutch) gave examples of the questions set for the Petrie Trust bursary and advised the senior students to enter. A vote of thanks was given by Mr. West on behalf of the students for the practical interest shown in them by the Association. Mr. Rattray, a lecturer in the School of Pharmacy, thanked Dr. Tocher for the interesting and instructive information he had given them and for the continued interest he took in the school. Dr. Tocher thanked the chairman for the able manner he had carried through his duties on this, his first appearance as president. The prize-winners were as follows:—*Chemistry*: 1st year, (1) Agnes Birnie, (2) Jas. C. Kidd; 2nd year, (1) Chas. W. Brunnet, (2) Victor M. Bond; 3rd year, (1) Donald Morrison, (2) Alex. Simpson; 4th year, (1) Jas. P. West, (2) P. Gillespie. *Physics*: 1st year, (1) Jas. C. Kidd, (2) Robert Murray; 2nd year, (1) V. M. Bond, (2, equal) C. W. Brunnet and G. I. Robson. *Botany*: 3rd year, (1) W. S. Taylor, (2) D. Morrison; 4th year, (1) A. M. Grant, (2, equal) P. Gillespie and C. McHardy.

Brighton.—A joint meeting of the Brighton and Hove Association of Pharmacy with the Brighton Division of the British Medical Association was held recently, Dr. Donald Hall (vice-chairman of the Division) in the chair; the chairman was supported by Mr. A. J. Franklin (president of the Association). Offering the guests a hearty welcome, Dr. Hall said all medical men owed much to the chemists who read their illegible prescriptions and were their friends in other ways. Introducing Dr. George Morgan, who was to give an address on *London's Oldest Botanical Garden*, he said, Dr. Morgan's vitality and his wonderful power of youthfulness were the envy of them all. Dr. Morgan prefaced his lecture by a short account of the rise of the apothecary, mentioning that the retail sale of drugs was originally in the hands of the mercers. In 1180 the Guild of Pepperers was formed, to be succeeded by that of the Grocers, with whom the apothecaries were incorporated. The apothecaries afterwards separated and subsequently purchased three and a half acres of land at Chelsea, forming a physic garden, the subject of that address. Mr. Franklin moved a vote of thanks to Dr. Morgan and to Dr. De L'isle Gray for making the arrangements for the meeting.

British Pharmaceutical Association.—An executive meeting of the British Pharmaceutical Association was held on May 18, Mr. J. J. Laws in the chair. The purpose of the meeting was to consider the position caused by the postponement of the Pharmacy and Poisons Bill. The secretary (Mr. J. F. McNeal) reported the action taken to oppose the Bill, and that a deputation had given evidence before the Committee appointed by the Conservative Party. The chairman, in reviewing the situation, stated that in connection with the deputation to the House of Commons, the secretary had, for the greater part of an hour, given evidence in support of total rejection of the Bill.

Chester.—The annual meeting of the Chester and District Pharmacists' Association and the Branch of the Pharmaceutical Society was held recently. The following officers were elected for the ensuing year:—*President*, Mr. R. Randall Roberts; *Vice-President*, Mr. H. W. Wallis; *Secretary*, Mr. N. N. Dutton. After the business meeting supper was served, and was followed by a smoking concert.

Liverpool.—The annual meeting of the Old Students' Association of the Liverpool School of Pharmacy was held recently, the president (Mr. H. Humphreys Jones, F.I.C., Ph.C.) in the chair. The secretary reported that interesting and educational lectures had been delivered and social events had taken place during the past twelve months. He invited all old students of the Liverpool School of Pharmacy to become members of the Association. The following officers were re-elected for the ensuing year:—*President*, Mr. H. Humphreys Jones; *Vice-President*, Mr. J. Butler; *Treasurer*, Mrs. J. Butler; *Secretary*, Mr. James Williamson.

London (W.).—The annual meeting of the Western Pharmacists' Association was held at 192 Oxford Street, W.1, on May 20, the president (Mr. T. Morley Taylor) in the chair. The report of the general secretaries (Mr. P. S. Windwood and Mr. D. T. Jones) showed that the year closed with a membership of 320, including six honorary members. In the absence of Mr. G. Thomas (social secretary), the president read his report on the reunion, dinner and dance, all well-attended and successful functions. The report of the treasurer (Mr. W. E. D. Shirtliff) disclosed a balance in hand. The auditors, Messrs. W. Wilkinson and R. E. Lownsborough, were re-elected. A ballot for the election of four members of committee resulted in the return of Messrs. E. C. Evans, Goodwin, Morley Taylor and Jones, the last two of whom had offered themselves for re-election. Mr. Bright proposed a hearty vote of thanks to the president and officers of the Association, which was carried unanimously.

Public Pharmacists.—A meeting of the Liverpool Branch of the Guild of Public Pharmacists was held recently, Mr. Alec Rae in the chair. The names of Miss Taylor and Miss Dobie were proposed as auditors, and these members were unanimously elected to that office. As a "miscellaneous communication" the chairman produced a sample of benzyl cinnamate, and gave a brief summary of its physical and chemical properties, and its use in medicine. The chairman called upon Mr. John Rae (secretary of the Liverpool Chemists' Association) to deliver a lecture on *Pharmacopœia Revision*. Mr. Rae illustrated his remarks by producing several samples of various preparations, many of which had been prepared specially for this occasion. Miss Bentley, Miss Dobie, and Messrs. Butler, Cottam and Henriksen joined in the discussion which followed, and Mr. Rae answered several questions. The meeting closed with a hearty vote of thanks to Mr. Rae, proposed by Miss Edis.

Scottish Pharmaceutical Federation.—A meeting of the Executive Council of the Scottish Pharmaceutical Federation was held in Edinburgh, on May 6. Mr. Alexander A. Dick (president) in the chair. Among other matters, medicine-stamp duty and known, admitted and approved remedies were discussed. It was agreed that the president and vice-president call upon the Board of Customs and Excise when in London. The following were declared members of the Executive Council for 1931-32:—Messrs. R. Alexander, Strichen; M. K. Watt, Aberdeen; James Duff and James Ferrier, Dundee; W. G. McNab, Gorebridge; Peter Nisbet, Leith; James B. McLaren, Kirkcaldy; B. Cartwright Galashiels; P. M. Duff, Glasgow; Alexander A. Dick, Bellshill; W. S. Culbert, Airdrie; H. P. Arthur, Glasgow; John Weir, Clydebank; and Martin Meldrum, Ayr. The accounts of the Federation for the year ended April 30, 1931, were submitted and approved, subject to audit. They were considered very satisfactory. A report was given of meetings of the subcommittee dealing with the Pharmacy and Poisons Bill, and it was remitted to the subcommittee to draw up a memorandum to be sent to all members of Parliament for Scotland giving reasons why the Bill should be rejected.

British Chemical Standardisation

THE inaugural meeting of the provisional council for the Chemical Division of the proposed new "Standards Association of Great Britain" was held on May 7 at the offices of the Association of British Chemical Manufacturers, on completion of the negotiations which were initiated nearly a year ago. In June 1930 a conference of chemical interests, convened by the Association, unanimously resolved that a British chemical standardising body should be constituted (*C. & D.*, 1930, I, 713). As the controlling body there will be a general council to deal with matters of broad policy and general interest; this will be constituted essentially by the election of nine members from each of the divisions, and by the nomination of a representative each of the Board of Trade, the Department of Scientific and Industrial Research, the Federation of British Industries, the Association of British Chambers of Commerce, and the Institution of Civil Engineers on behalf of the founders of standardisation. There will be four co-equal main divisions, each controlled by a divisional council, for engineering, chemistry, building and textiles. At the inaugural meeting of the provisional council of the Chemical Division, it was decided that the membership of the Chemical Council should not exceed forty, and that not more than five of these places should be reserved for the co-option of individuals whose services are likely to be of special assistance to the Council. The constitution of the Council as finally agreed is as follows:—

Admiralty.
Air Ministry.

Association of British Chemical Manufacturers.
Association of Tar Distillers.

British Chemical and Dyestuffs Traders' Association.
British Chemical Plant Manufacturers' Association.
Board of Trade.
Ceramic Society.
Chemical Society.
Chemical Research Laboratory (D.S.I.R.).
Federal Council for Chemistry.
Food Manufacturers' Federation.
Government Laboratory.
India Rubber Manufacturers' Association.
Institute of Brewing.
Institute of Chemistry.
Institute of Fuel.
Institution of Petroleum Technologists.
International Society of Leather Trades Chemists (British Section).
National Benzole Association.
National Federation of Associated Paint, Colour and Varnish Manufacturers of the United Kingdom.
London Oil and Tallow Trades Association.
Pharmaceutical Society.
Society of Dyers and Colourists.
Society of Public Analysts.
War Office.
Institution of Chemical Engineers
Society of Chemical Industry } Jointly.
Institution of Gas Engineers
National Gas Council } Jointly.
Glass Manufacturers' Association
Society of Glass Technology } Jointly.

Each of the above organisations will nominate one representative with the exception of the Association of British Chemical Manufacturers, which will have five. Dr. E. F. Armstrong has been elected chairman, and Mr. W. Rintoul vice-chairman.

Sporting Events

THE Cardiff pharmacists held their annual competition for the Virol challenge cup over the Radyr golf course on May 20. The winner was Mr. George Edwards and the runner-up Mr. C. Allansen. Some of the leading scores were as follows: Mr. G. Edwards, 101-25, net 76; Mr. C. Allanson, 100-24, net 76; Mr. J. Murray, 90-12, net 78; Mr. H. Anthony, 89-7, net 82. The cup was presented by Mr. Shellabear South Wales representative of Virol, Ltd.).



Photo]

[Cleworth

MR. V. CROMACK

THE Manchester, Salford and District Pharmacists' Golfing Society held the competition for the Kerfoot trophy at Denton golf course on May 20. A representative number of members and friends turned up, and weather conditions were ideal. The result of the competition was a win for Mr. V. Cromack with a net score of 77. Mr. Potts and Mr. Aves, each with a net score of 79, tied for the second prize presented by the Society; on replay the latter won. After tea the Kerfoot trophy was presented by Mr. Arnfield, who with Mr. Knowles represented Mr. Kerfoot. Messrs. Cromack, Miller, Edwards and Bresse joined in the thanks to the donor.

SCOTTISH chemists held the annual golf tournament over Gleneagles course on May 13 under unfavourable conditions. The prizes were presented by Messrs. C. Stephen (Dundee) and Mr. Griffiths (United Chemists' Association, Ltd.). The following were the prize-winners:—*First Class:* (1) W. M. David (Traveller's trophy and gold medal); (2) A. Scott; (3) P. Taylor. *Second Class:* (1) J. McCornach (Pears' cup); (2) H. P. Forbes; (3) J. Michie. *Scratch prize:* J. Stevenson. *J. Greig prize:* J. G. Taylor. *Duncan Flockhart prize:* W. McIntosh. *Ucal prize:* J. Finlay. *Johnson & Johnson prize:* T. M. Master. *Territorial cup:* (1) Southern division, W. McDavid, J. Erasmusson, J. Taylor and J. Stevenson; (2) Northern division, H. P. Forbes, J. McCornach, C. Cross and G. Brunton.

THE Northumberland and Durham Chemists' Golf Association held the first meeting of the season on the Gosforth Course, Newcastle, on May 20. Good weather prevailed and the result of play was a win for Durham by 7 to 3.

			DURHAM
J. Heyes	...	...	1
W. Kemp	...	...	0
A. E. Harris	...	...	0
E. Hopper	...	1	W. Blackburn
P. Adamson	...	0	E. Michelson
R. E. Davis	...	1	J. Smith
W. Cosans	...	0	R. Sanderson
R. Armstrong	...	0	G. Iredale
J. F. Carr	...	0	J. R. Sanderson
H. Davies	...	0	R. Anderson

LUTON chemists entertained a team of cricketers from Sangers, Ltd., London, at Wardown Park, Luton, on May 20. In weather more fitted to football than cricket, an interesting match was played. Luton chemists batting first for a total of 89 to which Sangers replied with a total of 143 for eight wickets, declared.

Trade Notes

THE additional attractiveness of an advertisement printed in two colours is effectively demonstrated by those appearing in this issue. That such wholesalers as STAFFORD ALLEN & SONS, LTD.; BEECHAMS PILLS, LTD.; BUTLER & CRISPE; ALF. HARRISON & SONS, LTD.; MAY & BAKER, LTD.; POTTER & CLARKE, LTD.; and W. J. RENDELL, LTD.; make use of this means of drawing the attention of our subscribers to their products is evidence that they have something of special interest to communicate to the drug trade.

SPONGES.—Southall Brothers & Barclay, Ltd., Birmingham, supply a window show free of charge on certain orders for sponges.

LAUREL RAZORS.—G. H. Lawrence, Ltd., 13 Brunswick Road, Sheffield, is offering a British-made safety razor and blade for sale at a popular price.

SANGERS, LTD., 258 Euston Road, London, N.W.1, have issued a new edition of their catalogue of proprieties, druggists' sundries, packed goods and photographic apparatus.

NATIONAL CAMERA FORTNIGHT.—In connection with this event Ensign, Ltd., High Holborn, London, W.C.1, illustrate elsewhere in this issue a range of cameras at retail prices varying from 8s. 6d. to £8 8s.



EYELASH OINTMENT.—We have received from The Crescent Preparations Co., 4 Woodlands Road, London, S.W.13, a sample of Crescent eyelash ointment (illustrated herewith). The preparation, which is pleasantly perfumed, is enclosed in a good-quality pot and packed for sale, with instructions for use, in a neat cardboard box.

CERTIFICATES OF NATURALISATION have been granted to M. M. Jacobson, chemist, 12 Burlington Road, Paddington, London; W. J. M. Peetz, manufacturing chemist, Broom House, Broom Water, Teddington, Middlesex.

ASHES OF ROSES face powder is now available in a size which can be retailed at a popular price. A. Bourjois et Cie, Ltd., 4 Water Lane, London, E.C.4, inform us that the quality of the powder and perfume is identical with that of the larger boxes.

PARFUMERIE DE FLEURY, Sentinel House, Southampton Row, London, W.C.1, ask us to express their regret at the delay in execution of some of the many orders booked by them at the recent Chemists' Exhibition. Orders were far in excess of anticipation, but such arrangements have been made as should ensure at least partial deliveries within a week or so.

AROCAN.—Evans Sons Lescher & Webb, Ltd., 56 Hanover Street, Liverpool, inform us that under the name of Arocan Evans' Biological Institute now issues a series of local anaesthetics containing a highly purified form of diethylaminoethyl-*p*-aminobenzoate hydrochloride and adrenalin in various strengths. Arocan solutions do not come under the Dangerous Drugs regulations and are considered less toxic than cocaine. They are suitable for hypodermic use when packed in rubber stoppered bottles, as they are, in themselves, sufficiently antiseptic to inhibit the growth of most contaminating organisms.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1931, p. 345.

(From "The Trade Marks Journal," May 13, 1931.)

- "DETTOX"; for all goods (2). "DETTEX"; for all goods (3). "DETTINE"; for all goods (47). "DETTOLINE"; for all goods (48). By Reckitt & Sons, Ltd., Danson Lane, Hull. 521,840/841/842/843. (Associated.)
- "HA-KOL"; for headache powders, etc. (3). By Daggett & Ramsdell, 2 Park Avenue, New York, U.S.A. 514,230.
- "LUSOMAL"; on band in circle; for antiseptic medicines (3). By A. J. Hendrix, 4 rue van Beers, Antwerp, Belgium. 518,305.
- "AMICUS"; for antiseptic medicines (3). By Boots Pure Drug Co., Ltd., 37 Station Street, Nottingham. £20,245.
- "RAYGLO CREAM EMULSION OF COD LIVER OIL AND GLYCERINE" with label design incorporating a radial device; for a cough remedy, etc. (3). By Cupal, Ltd., King Street Bridge, Blackburn. 521,355. (Associated.)
- "PEDIBON"; for medicated foot powder (3). By E. Hamilton, 5 Fenchurch Street, London, E.C.3. 520,752.
- "VIODAR"; for iodine and liquid paraffin preparations (3). By W. H. Martindale, 12 New Cavendish Street, London, W.1. 520,931.
- "RHUBESIA"; for a medicinal powder for internal use (3). By Winifred Levy, 7B Thicket Road, Anerley, London, S.E.20. 521,032.
- "ISOGET"; for medicinal chemicals (3); and for food substances (42). By Allen & Hanburys, Ltd., Plough Court, 37 Lombard Street, London, E.C.3. 521,218/219. (Associated.)
- "DURISALPA"; for medicated foods (3). By Fruit Extracts, Ltd., 8 City Road, Finsbury Square, London, E.C.1. 521,585. (Associated.)
- "LETRIK"; for hair preparations (48) and for hair brushes and combs (50). By Letrik, Ltd., 3 Butler Street, London, E.C.2. 518,268/782. (Associated.)
- "TANJERO"; for all goods (48). By Eucryl, Ltd., 5 Oakley Road, Shirley, Southampton. 521,094.

(From "The Trade Marks Journal," May 20, 1931.)

- "LUSTRAX"; for dog soaps and shampoo powders (2). By The Molassine Co., Ltd., 82 Tunnel Avenue, East Greenwich, London, S.E.10. 521,943.
- "CASSELL'S TABLETS"; for medicated tablets (3). By Veno Drug Co (1925) Ltd., Chester Road, Manchester. 514,210.
- "EMULSAO DE SCOTT" with label design incorporating triangular device with words "PERFECT PERNAMENT PALATABLE P.P.P.": for cod liver oil emulsions with hypophosphites of lime and soda (3). By Scott & Bowne, Ltd., 10 & 11 Stonecutter Street, London, E.C.4. 520,922. (Associated.)
- "NORVOPLAST"; for medicinal chemicals (3) and for surgical apparatus, etc. (11). By Grout & Co., Ltd., St. Nicholas Road, Great Yarmouth. 521,742/743. (Associated.)
- "BURGIT"; for medicinal chemicals (3); surgical apparatus, etc. (11) and for perfumery, etc. (48). Lingner-Werke A.G., 2 & 4 Nossenerstrasse, Dresden, Germany. 521,765/765/767. (Associated.)
- "AROCAN"; for medicinal chemicals (3). By Evans Sons Lescher & Webb, Ltd., 56 Hanover Street, Liverpool. 521,942.
- "K'OLT"; for all goods (3). By A. C. Hossack, 4 Union Road, Bathgate, West Lothian. 520,041.
- "CHOLPHYTONE"; for medicinal chemicals (3). By G. W. Edgard-Rosa, 1 Place Champerret, Paris, France. 522,058.
- "OPTREX"; for medicinal chemicals (3). By S. Rosengart, 179 Avenue Victor Hugo, Paris, France. 522,068.
- "VIBROLUX"; for surgical apparatus, etc. (11). By S. G. Jones, Ltd., 1 & 3 Brixton Road, London, S.W.9. 521,151.
- "COUETTES"; for sterilised cotton-wool pads (11). By Johnson & Johnson (Gt. Britain), Ltd., Fairlie Road Slough Estate, Buckinghamshire. 521,378.

Births

Notices for insertion in this column must be properly authenticated.

LINSTEAD.—On May 22, Winifred, the wife of H. N. Linstead, Ph.C., The Brackens, Seaforth Gardens, Winchmore Hill, London, N.21, of a daughter.

Marriages

KELL—MOORE.—At St. Andrew's Church, Yeadon, Leeds, on May 23, Charles Kell to Clara, youngest daughter of Mr. W. T. Moore, The Medical Hall, Yeadon.

Deaths

CROWLY.—At 50 Lower Leeson Street, Dublin, on May 19, Mr. Daniel Crowly, M.D., late of Loughrea, co. Galway, deeply regretted by his sorrowing wife and family. Dr. Crowly became a member of the Pharmaceutical Society of Ireland in 1903.

GRADIDGE.—At Andover, on May 15, Mr. William Ivimey Gradidge, chemist and druggist, aged seventy-six. Mr. Gradidge had resided at Andover all his life, and had been for twenty years people's warden at St. Mary's Church.

GREGORY.—At Taunton, on May 16 (his ninety-fifth birthday), Mr. George Henry Gregory, Ph.C., founder of Gregory & Wren, Ltd., chemists, Taunton and Wellington. Mr. Gregory, who was born at Crediton, learnt the business in that town with W. Jackson & Sons. He passed the Major examination in 1861; two years later he went to Taunton and established himself in business. On retiring he went to live at Norton Fitzwarren, subsequently returning to Taunton. Mr. Gregory celebrated his diamond wedding in 1923, and Mrs. Gregory died in the following year. He is survived by three sons and two daughters.

HARPER.—On May 25, Mr. Herbert John Harper, 3 Fountainville Avenue, Belfast, the representative of Stemco, Ltd., London, N.W., in Northern Ireland, aged forty-two. Mr. Harper was the youngest son of the late Mr. John Harper, Camden Street, Belfast, and was educated in the Belfast Model School and Municipal Day Technical College. He served his apprenticeship to the late Mr. J. C. C. Payne, Shaftesbury Square, and had further experience with Mr. S. Hogg, Shankhill Road, and with Grattan & Co., Ltd., Corn Market, in whose service he reached the position of front shop manager. Leaving Messrs. Grattan's with many regrets he started "on the road" to represent the Browning Co., Ltd. During the Easter Rebellion of 1916, he had a thrilling experience in a Dublin hotel, and was one of the occupants of the first train which ventured north to Belfast during that time. When the Anglo-American Oil Co., Ltd., took over the Semprolin business from Messrs. Browning, he joined this company, and in later years he has been looking after the Stemco interests in Northern Ireland. Mr. Harper was a great favourite in the pharmaceutical profession, and whether he "picked up" an order or not, he would always depart with a genial joke. He was kindness personified. During the late autumn his health had not been up to its usual good standard, but otherwise nothing seemed amiss until other symptoms set in rather unexpectedly. He leaves a widow and two sons, the elder (Mr. Jack Harper) representing Thomas McMullan & Co., Ltd., wholesale druggists, in Ulster. His elder brother (Mr. Theo. Harper, of Grattan & Co., Ltd.) is well known in Ulster pharmaceutical circles.

HILL.—At Portsmouth, on May 8, Mr. Ernest Hill, chemist and druggist, aged eighty-two.

JACKSON.—At East Fazakerley, Liverpool, on May 9, Mr. Frederick William Jackson, chemist and druggist, aged sixty-four.

MAWDSLEY.—At 12 Errwood Road, Levenshulme, on May 8, Mr. Tom Mawdsley, late managing partner of D. Mawdsley & Co., druggists' sundriesmen, 4-6 Riga Street, Shudehill, Manchester, aged fifty-five.

SPIER.—At Cheltenham, on May 17, Mr. Edward Jenner Spier, chemist and druggist, for twenty-eight years dispenser to the Cheltenham Guardians, aged fifty-seven.

WINCH.—At Kingsgate, Thanet, on May 13, Mr. W. E. Winch, late representative of Stevenson & Howell, Ltd., manufacturing chemists, 95A Southwark Street, London, S.E.1.

Personalities

At the Coventry dog show, on May 16, an entrant belonging to Colonel W. F. Wyley was placed first in five classes.

MR. ALFRED R. WHEATLEY, chemist and druggist (Wheatleys Cash Chemists, Ltd.), Gloucester, has been re-elected people's churchwarden at St. Mary de Crypt for the fifth year in succession. Mr. Wheatley is chairman of the local branches of the Pharmaceutical Society and the Retail Pharmacists' Union.

MR. F. BAINES, chemist and druggist, Corsham, Chippenham, and MRS. BAINES celebrated their golden wedding on May 23. Mr. Baines was for forty years in business in High Street, and during that time took an active interest in local affairs. He has served on the Rural District Council, the Parish Council, and as chairman of the Old School Board.

MR. JOHN R. RAPER has retired from active work after thirty-six years' service with THE CHEMIST AND DRUGGIST. Mr. Raper commenced a five years' apprenticeship with a Liverpool firm of produce merchants in 1884, and on its completion took up a position in the London wholesale drug trade, joining THE CHEMIST AND DRUGGIST in 1895 as amanuensis to the late Mr. Alfred Charles Wootton, at that time the Editor. In 1898 Mr. Raper succeeded the late Mr. A. C. Meyjes in charge of the Trade Report section. Interesting details of the London drug auctions, formerly held fortnightly, were given in our Special Issue of June 30, 1928. Mr. Raper's office colleagues have presented him, in token of esteem, with a Secreytype desk and chair. They and his numerous friends in the trade wish him many years of happiness.

Wills

MR. ANDREW DEVITT, chairman of Lewis & Peat, Ltd., who died on February 18 last, left £34,577, with net personality £28,987.

MR. ARTHUR LUCAS, Sundour, Green Lane, Blackburn, chemist and druggist, aged fifty-seven, left £8,430 14s. 7d., with net personality £6,707 3s. 5d.

Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

D/265. Armadou	N/285. Ferrogen
E/275. Arsenofer	N/275. Geverda compact
H/265. Catalysol	D/195. Golden Glint shampoos
B/275. Dr. Grange's tooth-brushes	A/275. Lacarnol
Dolly Vardon chamois squares	P/265. Mercury saturated vests and belts
N/285. Elasticine bandage	E/285. Ratinol

Observations and Reflections

By Xrayser III

The Annual Meeting

of the Pharmaceutical Society, ninetieth of the series, has been duly held (*C. & D.*, May 23, p. 608), and the election result recorded is such as might have been expected on any normal occasion. There were those who appeared to regard this as an abnormal occasion, because of the upheaval threatened by the anticipated passing of the Pharmacy and Poisons Bill; but, apparently, the members of the Society as a whole thought otherwise, most of them stayed at home as usual, and the meeting was one of the colourless kind to which we have so frequently been accustomed. Mr. Wells has lost his seat because he was probably one of the least-known members of the Council, and had, in addition, originally been a co-opted member. It seems useless to ignore the fact that a certain resentment is almost invariably manifested against the principle of co-option by a considerable proportion of the members of the Pharmaceutical Society who take the trouble to vote, and an advantage is then enjoyed by any fresh candidate of outstanding merit who may be contesting the election. This was the good fortune of Mr. J. W. Atkinson, who is not only a good man himself, but was actively supported by two "live" business organisations which are able to influence many votes in the retail drug trade. This leads me to reflect upon the apparent ease with which election to the Council can be secured by a judicious expenditure of money in advocating the claims of candidates of good repute.

At the Meeting

according to your report, only nine members of the Society, out of nearly 14,000 to whom voting papers were issued, took the trouble to take part in the discussion following the remarks by Mr. Melhuish. There have been times, I seem to recall, when even fewer members spoke; but the point that naturally occurs to one is the inherent absurdity of relying upon meetings of this kind to elicit the views of the members of the Society as a whole. It was all to the good that more than half of the electorate rose to the occasion; but one wonders what might be expected to happen if the proportion were suddenly to rise to three-fourths, or even higher. Not improbably, the vast reserve of potential voting power would, if utilised, be exercised largely in favour of the members of Council in office at the particular time, but I have an impression that voting papers might easily be collected from a sufficient number of persons to turn the scale at any election, provided those who wished to effect a marked change knew how to set to work to accomplish their object.

Mr. A. C. Abraham

has furnished some useful comments upon the report of the Pharmacy Subcommittee of the Pharmacopoeia Commission (p. 600), and I am wishful that more than casual attention should be paid to such comments by the revisers of the British Pharmacopoeia. So, obviously, Mr. Abraham's notes are based upon practical experience, and it would be an extreme pity if the more important of them were not to be reflected in the formulas we have to work by for so many years to come. It seems to me that if, for reasons that may commend themselves to the Pharmacopoeia revisers, valuable suggestions for improvement of formulas are rejected, those reasons should be disclosed in due course. This would appear to be the very least that is called for when pharmacists of experience take the trouble to draw upon their stocks of first-hand information in the general interest.

The Text

of the Proprietary Medicines Bill (p. 612) gives one so much to think about, arouses so many reflections concerning the past, and provokes such a crowd of apprehensions for the future that one feels that at present there can be no focus for a helpful opinion upon it. The question of suitable advertising literature for medicines apparently would come under control in some degree, and it might be that it would be curtailed in volume; but how greatly enhanced in value would that portion be which satisfied the authorised scrutators, especially when fully authenticated testimonials, complete with names and addresses, were supplied. An excellent example of the attitude of the lay mind to, as well as of the professional suspicion of, so-called quack remedies is to be seen in the summer issue of "Punch," where is included Mr. Belcher's whimsical picture of a doctor's astonishment at finding still alive a "heart patient," a state of things that can only be due to "the tinkering" of a quack. Facts are stubborn things! The trade in proprietary medicines, no matter whether the formulas are disclosed or not, will continue until the end of things.

An Old and Excellent Example

of the faith in judiciously exploited medicines, now considered of little or no value by the faculty, is before me in the form of an eighteenth-century pamphlet. It is: "An Essay on the Nature and Cure of Scrophulous Disorders commonly called the KING'S EVIL; Deduced from long Observation and Practice. With Additions and above Sixty Cases; The Remedies in them used and Occasional Remarks. To which is prefixed A Coloured Plate of the Herb Vervain, and its Root. Published for the Good of Mankind; particularly the Common People. By John Morley, Esq., of Halstead in Essex—*Facts are stubborn Things*—London 1783—Price one Shilling." And it must be noticed that this copy is of the twenty-second edition. It consists of eighty-nine pages; twelve of these contain a short description of the king's evil and an account of how the vervain root (*Verbena officinalis*) is to be prepared so as to be a species of amulet, although John Morley, Esq., eschews by implication any magical influence. The remainder of the little book is occupied with the details of sixty-eight cases. In a large proportion of these there were employed what we should call really active medicaments, but vervain, either worn about the body or applied in the form of ointment, was the chief feature of the treatment. The belief in unaccountable happenings to the flesh as well as to the spirit is as widespread and as deep to-day as ever. To read of results as set out by John Morley—authenticated by the most precise particulars of individuality, family, circumstances and place—and to learn that he took no recompence other than the occasional gifts of tea, wine, venison, small pieces of plate, or other little presents such as a goose or a turkey, and the proceeds of the sale of his pamphlet, is to feel compelled, if in grievous suffering, to make at least a trial of his treatment. Secrecy of formulas and undisclosed methods of treatment are not the essentials of faith. Personal testimonies are the moving force, as the whole history of mankind sufficiently proves, and will continue to prove in spite of legislation of every kind.

SMALLPOX PREVENTION.—Report No. 62 of the Ministry of Health (Stationery Office, 1s.) summarises the present position of medical knowledge on the subject of smallpox, particularly in relation to the Vaccination Acts, 1867-1907. Numerous tables are given.



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Editorial Articles

The Land Value Taxes

In his Budget speech of last year Mr. Snowden forecast a tax on the site value of land in the near future, and stated his intention of bringing into Parliament a measure to provide the basis for the assessment of the tax when imposed. This measure appeared last session under the name of the Land Valuation Bill, but did not reach the statute-book. Now the Finance Bill provides for a valuation being made by the Commissioners of Inland Revenue of all land in Great Britain except (a) the sites of any buildings used exclusively for religious worship; (b) churchyards or any burial ground maintained by a burial authority; (c) land owned by a local authority; and (d) land owned and used by a statutory company for the purposes of their undertaking. The valuation is to be of each piece of land in separate occupation. The value is to be the market value of the freehold in possession of the land, but is not to include the value of (1) any buildings on the land; (2) any minerals beneath it; (3) the trees (if any) on the land, except trees in the case of agricultural land; (4) any crops, tillages, manures, or any improvements for which by law or custom an outgoing tenant would be entitled to compensation; or (5) the value of shooting and fishing rights. In the case of agricultural land there is at the same time a further value to be obtained called "the cultivation value," which is to be the value of the land on the assumption that the land at the date of the valuation had a restriction imposed by law on its permanently prohibiting its use for any purposes other than agricultural purposes. The Bill endows the Commissioners with formidable powers of inquisition, with the exercise of which it may be taken that the work of valuation will commence. They may, by giving notice in writing, require the occupier of any land or any person paying or receiving rent in respect of the land to furnish them, within thirty days after service of the notice, particulars of the ownership, area, tenure, situation, and character of the land, the rents paid or received, leases or tenancies in existence, the name and address of the landlord or tenant, the amount paid for acquiring the land, and "any other matters properly required by the Commissioners for the discharge of their functions under the Act." Any person failing to make this return becomes liable under the Bill to a penalty not exceeding £50. Those who recall the history of the ill-starred attempt to levy a tax on land values, which was made by the Finance (1909-10) Act, 1910, will read these provisions with astonishment. They follow as closely as may be the powers given to the Commissioners under the Act

of 1910—powers which when exercised in the famous Form IV case were held by the High Court to be illegal as being unduly oppressive on the taxpayer. The valuation of a piece of land having been made, the Commissioners are required to serve notice of it on the owner, and within thirty days thereafter or such extended time as they may allow, he may give notice of his objection to the valuation.

Further Valuations

Should the Commissioners refuse to amend the valuation to accord with the views of the objector, he is to have a right of appeal to one of a panel of referees with an ultimate appeal on a point of law to the Court. Provision is made for further general valuations at intervals of five years thereafter. In the intervals between these periodical valuations the Commissioners are to be kept in touch with anything which may affect the value by a requirement of the Bill that a document containing a number of particulars shall be furnished to them on any occasion of the sale of the freehold of the land or the grant of a lease or underlease for a term of seven or more years, or the sale of any such lease. On completion of the valuation the Commissioners are required to have a record made and kept showing as respects each piece of land valued (a) the description of the piece of land; and (b) the amount of the land value, and in the case of agricultural land the cultivation value. They are also to serve upon the owner of any unit a copy of the particulars of that unit. A rather significant provision of the Bill is that which requires the Commissioners, as soon as the valuation of all land has been substantially completed, to furnish to every rating authority a copy of so much of the record as relates to any piece of land wholly or partially comprised in the area of that authority. Any authority supplied with a copy is to retain it until notice is given by the Commissioners that it is no longer necessary. Apart altogether from the statement made by the Chancellor of the Exchequer to that effect, we should be justified in concluding that not only the special tax on site values, but later on a special rate as well, must be expected as an outcome of the Bill if passed into law. Into the merits or demerits of such impositions it is not necessary to enter. But it may at least be said that a belief in their practicability can be taken as proof of an abiding faith in a fiscal theory. A tax, or rather a series of taxes, on site values was imposed by the Finance (1909-10) Act, 1910, but after a few years of irritating sterility these were repealed with the exception of the comparatively unimportant mineral rights duty—the repeal taking place, too, while their author was Prime Minister. Whether the taxes which are now imposed are destined to be more successful it would be rash to attempt to foretell.

Better Late than Never!

CHEMISTS all over Great Britain will note with satisfaction that the Pharmaceutical Society has at length begun to take steps to put an end to the general looseness shown by licensed vendors of horticultural and agricultural poisons in disregarding the provisions of the Pharmacy Acts applicable to what they are allowed to sell. The prosecutions at Birmingham last week

should have a wholesome effect. Again and again, editorially and in our correspondence columns, has attention been called to the manner in which arsenical weed-killer and nicotine insecticides are distributed by these unqualified licencees; and the manner in which they have been allowed to "go as you please," compared with the strictness that has been enforced where qualified registered chemists are concerned, has given rise to no little dissatisfaction. We wonder, incidentally, how many of these licensed dealers have ever appreciated the fact that their sales are subject to the requirements of the Pharmacy Acts? Appreciation of this fact should not only have a wholesome deterrent effect upon the "unqualified" who are anxious to obtain licences under the existing statutes, but should do something to restrain the enthusiasm of grocers and other tradesmen for the Bill now before Parliament.

Pharmaceutical Society of Great Britain

THE annual report of the Executive of the North British Branch of the Pharmaceutical Society for the year 1930-1931 states, *inter alia*, that the principal matters dealt with by the Executive during the year include local organisation, evidence submitted to the Royal Commission on Licensing (Scotland), supply of alcohol by medical prescription, making of arrangements and providing equipment required by examiners for the Preliminary Scientific and Qualifying examinations, revision of examination regulations, recognition of schools, indentures, Dangerous Drugs Acts, chemists' and public health dispensing, Pharmacopoeia Commission, the question of what is a bottle distinguishable by touch, prescriptions including industrial methylated spirit, matters arising in connection with the Report of the Departmental Committee on the Poisons and Pharmacy Acts. The financial statement for the year 1930 showed a total expenditure of £6,233 19s. 7d., as compared with £5,590 6s. 2d. in 1929. Membership this year is 1,725, an increase of 21; this is again the highest membership yet attained. The Society's house is now in good repair, and the new examination equipment has given entire satisfaction.

League of Nations

THE Permanent Central Opium Board met at Geneva on April 13-18 under the chairmanship of Mr. L. A. Lyall. Among other items of business the Board considered the duties that might devolve upon it if the Conference on the limitation of drug manufacture adopted the draft convention prepared by the Opium Advisory Committee and approved by the Council in January. Subject to minor reservations, it unanimously expressed its willingness to undertake these duties. The Advisory Committee on Traffic in Opium had asked the Health Committee to undertake the study of the standardisation of methods for ascertaining the percentage yield of morphine from the various opiums. The Health Committee summoned a committee of experts, which met at Geneva on April 19-20, with Professor van Itallie, Professor of Pharmacy and Toxicology at The Hague, in the chair. There were also present experts from Copenhagen, Zurich, Paris and Vienna. After a general discussion on methods of ascertaining morphine content, the committee decided to investigate certain of them in order to determine which was to be preferred. The researches will be carried out under the direction of the chairman. The committee considered that it would be desirable to secure the collaboration of two more experts from the United States and Japan. The conference for the limitation of manufacture of narcotic drugs opened at Geneva on May 27, when Great Britain was represented by Sir Malcolm Delevigne.

Pharmacopœia Commission

Report of the Pharmaceutical Chemistry Subcommittee

The Pharmacopœia Commission have received from the Pharmaceutical Chemistry Subcommittee a report on certain sections of the work done by that Subcommittee. It is the desire of the Commission and of the Pharmaceutical Chemistry Subcommittee that the report should receive the widest possible circulation in order to secure criticisms of the statements made and suggestions for improvement. The Commission invite criticisms and suggestions from medical practitioners, pharmacists, and others interested. Careful consideration will be given to all opinions evoked by this Report, original copies of which may be obtained from the Pharmacopœia Commission, General Medical Council Office, 44 Hallam Street, London, W.1.

(Continued from the C. & D., May 16, p. 577.)

[ABSTRACT]

Chemicals

LIMIT TESTS FOR ARSENIC AND LEAD.—These have been revised and the technique altered; it has been thought advisable to alter the description of the tests in such a way that they may now be used not only as limit tests but also as quantitative tests.

OTHER LIMIT TESTS.—For the common impurities, iron, chlorides, and sulphates, the Subcommittee have devised limit tests. The principle adopted has been to describe the reaction given by a standard amount of the impurity and to state the quantity of the substance under test which shall not give a more pronounced reaction than the standard.

LIMIT TEST FOR IRON.—Boil the specified weight of the substance with 5 millilitres of dilute nitric acid, or prepare a solution as directed in the text, cool, dilute to 50 millilitres with water, add 5 millilitres of solution of ammonium thiocyanate, and stir immediately. Compare the colour in a Nessler cylinder with the standard colour, both solutions being used within five minutes of preparation. The colour is not deeper than the standard. **Standard Colour.**—Boil 2 millilitres of solution of ferric chloride FeT with 5 millilitres of dilute nitric acid, cool, and dilute to 50 millilitres with water, add 5 millilitres of solution of ammonium thiocyanate, and stir immediately. **Reagent.**—Solution of Ferric Chloride FeT. (1 millilitre = 0.00002 gramme Fe). Dilute 20 millilitres of solution of ferric chloride to 250 millilitres with water, measure 5 millilitres of the dilute solution, add 10 millilitres of nitric acid and make up to one litre with water.

LIMIT TEST FOR CHLORIDES.—Dissolve the required weight of the substance in water, or as directed in the text, and transfer to a Nessler cylinder. Add 1 millilitre of nitric acid, dilute to 50 millilitres with water, and add 1 millilitre of solution of silver nitrate. Stir immediately with a glass rod, and allow to stand for five minutes. The opalescence produced is not greater than the standard opalescence. **Standard Opalescence.** Measure 1 millilitre of N/100 hydrochloric acid with 1 millilitre of nitric acid into a Nessler cylinder. Dilute to 50 millilitres with water, and add 1 millilitre of solution of silver nitrate. Stir immediately with a glass rod, and allow to stand for five minutes.

LIMIT TEST FOR SULPHATES.—Dissolve the required weight of the substance in water, or as directed in the text, and transfer to a Nessler cylinder. Add 1 millilitre of hydrochloric acid, dilute to 50 millilitres with water, and add 1 millilitre of solution of barium chloride. Stir immediately with a glass rod, and allow to stand for five minutes. The turbidity produced is not greater than the standard turbidity. **Standard Turbidity.**—Measure 2.5 millilitres of N/100 sulphuric acid and 1 millilitre of hydrochloric acid into a Nessler cylinder. Dilute to 50 millilitres with water, and add 1 millilitre of solution of barium chloride. Stir immediately with a glass rod, and allow to stand for five minutes.

ALCOHOL AND METHYLATED SPIRITS.—The Subcommittee are advised that, in making a number of galenicals, the use of methylated spirit will be permitted. The methods recommended for the determination of alcohol consist of determinations of specific gravity and refractive index, coupled with qualitative tests for methyl alcohol and isopropyl alcohol.

OTHER TESTS.—Specific gravity should be taken at 15.5° as compared with water at 15.5° unless otherwise stated. The methods of determining melting-points and boiling-points have been revised. The temperature at which the refractive index is to be taken is specified in each instance. Optical Rotation is the rotation in a 1-decimetre tube at a temperature of 20° by sodium light. In the acidimetric and alkalimetric assays a larger variety of indicators is recommended and the indicator appropriate for each reaction is stated.

ACIDUM LACTICUM.—Mixture of lactic acid and lactide, and contains the equivalent of not less than 87.5 per cent. of $C_3H_6O_3$. S.G., no change. 1 grammie warmed with solution of potassium permanganate yields the odour of acetaldehyde. **Tests:** Absence of citric, oxalic, phosphoric and tartaric acids, limit of various sugars, limit of chlorides, limit of sulphates, limit of iron. Leaves on ignition not more than 0.1 per cent. w/w of residue. Arsenic limit, 5 parts per million; lead limit, 10 parts per million. To assay dilute about 3 grammes, accurately weighed, with 50 millilitres of water, add 50 millilitres of N/1 sodium hydroxide and boil gently for twenty minutes; titrate the excess of alkali with N/1 sulphuric acid, using phenolphthalein as indicator. Repeat the operation without the lactic acid. The difference between the two titrations represents the alkali required to convert the lactic acid and the lactide into sodium lactate. Each millilitre of N/1 sodium hydroxide is equivalent to 0.09005 grammie of $C_3H_6O_3$.

ADRENALINA.—May be prepared from an acid extract of the suprarenal glands of mammals, or by synthesis. Readily soluble in aqueous solutions of mineral acids or of sodium hydroxide or potassium hydroxide, but not in aqueous solutions of ammonia or of the alkali carbonates. It is not stable in neutral or alkaline solutions. The aqueous solution is alkaline to litmus. To a neutral or faintly acid solution add one drop of a 0.25 per cent. w/v solution of ferric chloride; an emerald-green colour develops and on gradual addition of a 5 per cent. w/v solution of sodium bicarbonate this colour changes first to blue and then to red. Melting point, 205° to 212° with decomposition, the rise of temperature being 10 degrees per minute. Specific rotation ($[\alpha]_{D_{20}}$), in a 4 per cent. w/v solution in N/1 hydrochloric acid, 50° to -53°. Leaves, on ignition, not more than 0.01 per cent. of residue.

AETHER.—S. g., 0.720 to 0.724; boiling point, 34°-36°. **Tests:** Limit of free acid, sulphurous acid, limit of peroxides 50 millilitres leaves, on evaporation, not more than 0.001 gm. of residue.

ETHER ANAESTHETICUS.—Possesses the characters and responds to the tests described under "Aether." S. g., 0.720; boiling point, 34°-35°. Pour 10 millilitres, in portions, on clean filter paper and allow to evaporate spontaneously; no foreign odour is perceptible at any stage of the evaporation. Tests: Limit of peroxides, limit of acetone and aldehyde. Shake vigorously in a separator 2 volumes of the sample with 1 volume of alcohol (20 per cent.) and 1 volume of water, allow the mixture to separate and draw off the lower layer: 5 millilitres of this lower layer gives no reaction with the test for methanol described under "Alcohol."

ALCOHOL.—Alcohol is a mixture of ethanol and water of the quality known as 95 per cent., obtained by the distillation of fermented saccharine liquids. Contains not more than 95.2 per cent. v/v or 92.7 per cent. w/w and not less than 94.7 per cent. v/v or 92.0 per cent. w/w of ethyl alcohol. S. g., 0.815 to 0.817; refractive index at 20°, 1.3637 to 1.3639. Tests: Limit of acidity, limit of alkalinity, limit of oily or resinous substances, limit of fusel oil and allied impurities, limit of aldehyde, absence of methanol.

ALCOHOL DILUTUM.—The six official liquids obtained by diluting alcohol with distilled water contain respectively ninety (90.5 to 89.0), seventy (70.4 to 69.5), sixty (60.2 to 59.7), fifty (50.2 to 49.6), forty-five (45.3 to 44.7), and twenty (20.5 to 19.5) per cent. by volume of ethyl alcohol. The diluted alcohols comply with all the limit tests described under alcohol, and when diluted with distilled water to approximately 10 per cent. alcoholic strength, 5 millilitres comply with the test for absence of methanol.

ALCOHOL DEHYDRATUM.—Contains not less than 99.4 per cent. by volume or 99 per cent. by weight of ethyl alcohol. S. g., 0.7936 to 0.7967; refractive index at 20°, 1.3614 to 1.3618. Tests: Limit of water, impurities given under alcohol.

CAFFEINA.—Alkaloid obtained from the dried leaves of *Camellia Thea*, Link, or from certain other plants; or it may be prepared synthetically. Tests: absence of readily carbonisable substances, absence of other alkaloids; 0.2 gramme dried to constant weight at 100°, loses not more than 0.017 gramme, and on ignition leaves not more than 0.002 gramme of residue.

CARBONI TETRACHLORIDUM.—May be prepared by the action of chlorine on carbon disulphide. S.G., 1.603 to 1.606. Distils between 76.5° and 77.5°. Tests: limit of free acid and chlorides, limit of free chlorine, limit of sulphur compounds, limit of oxidisable impurities; 10 grammes leaves, on evaporation on a water-bath, not more than 0.002 gramme of residue.

CAMPHORA.—A white crystalline substance obtained from *Cinnamomum Camphora*, T. Nees and Eberm, purified by sublimation (natural camphor), or it may be obtained synthetically from the pinene of oil of turpentine by conversion into camphene and subsequent oxidation (synthetic camphor). 1 gramme forms a clear solution in 10 millilitres of light petroleum (limit of water). Melting point, 174° to 177°. Yields, on sublimation at 100°, not more than 0.05 per cent. of residue.

COCAINA.—Alkaloid obtained from the leaves of *Erythroxylum Coca*, Lam., and other species of erythroxylum, or by synthesis from ecgonine. Solution in diluted acids is laevo-rotatory. Heat about 0.1 gramme, in powder, with 1 millilitre of sulphuric acid for five minutes at 100° and then cautiously mix with 2 millilitres of water: the aromatic odour of methyl benzoate is noticeable and on cooling and keeping for some hours crystals of benzoic acid separate. Dissolve 0.05 gramme in 1.5 millilitres of N/10 hydrochloric acid, add 8.5 millilitres of solution of alum, and 5 millilitres of solution of potassium permanganate, stir briskly for several seconds; characteristic rectangular violet plates are formed. Melting point, 97° to 98°. Tests: absence of readily carbonisable substances. Does not respond to the tests for cinnamyl-cocaine or isoatropyl-cocaine under "Cocaine Hydrochloridum." 0.2 gramme, on ignition, leaves not more than 0.0002 gramme of residue.

DEXTROSUM.—May be prepared by purifying the product of the hydrolysis of starch. When heated it melts, swells up and burns, evolving an odour of burnt sugar.

The aqueous solution is dextro-rotatory and yields a copious precipitate on warming with solution of potassium-cupric tartrate. Tests: limit of acidity, limit of less soluble sugars and dextrin, limit of chlorides, limit of sulphates, limit of sulphite. Loses on drying at 105° not more than 10 per cent. of its weight. Specific rotation, determined on a well-boiled 10-per-cent. w/v aqueous solution at 20° and calculated on the dry material, not less than +52°. Arsenic limit, 1 part per million; lead limit, 2 parts per million. Moisten 2 grammes with sulphuric acid and ignite gently, again moisten with sulphuric acid and re-ignite; the residue weighs not more than 0.002 gramme.

FERRI CARBONAS SACCHARATUS.—Test: limit of sulphates. Arsenic limit, 5 parts per million. To assay, dissolve about 2 grammes, accurately weighed, in 5 millilitres of phosphoric acid and 20 millilitres of water in a small flask with the neck plugged with cotton-wool. Add 20 millilitres of 25-per-cent. w/v sulphuric acid and 3 to 5 drops of solution of diphenylamine, and titrate with N/10 potassium dichromate until the bluish-green colour changes to dark blue.

Essential Oils

OLEUM CHENOPODII.—The oil distilled with steam from the fresh flowering and fruiting plants, excluding roots, of *Chenopodium ambrosioides* (Linn.), var *anthelminticum* (Gray). Contains not less than 65 per cent. w/w of ascaridole C₁₀H₁₆O₂. A colourless or pale yellow liquid with a characteristic unpleasant odour and a bitter burning taste. Soluble in not less than 3.5 and not more than 10 volumes of alcohol (70 per cent.). 1 millilitre heated to incipient ebullition in a test-tube with a fragment of unglazed porcelain, continues to boil vigorously for some seconds after removal from the flame, leaving on cooling a deep golden yellow liquid. (This test should be carried out cautiously as the oil is liable to explode.) S.g. (15.5°/15.5°), 0.960 to 0.980 (at 25° 0.956 to 0.978); optical rotation, -4° to -9°; refractive index at 20°, 1.474 to 1.479. To assay, dissolve about 2.5 grammes, accurately weighed, in sufficient acetic acid (90 per cent.) to produce 50 millilitres, and place the solution in a burette. Into a stoppered tube of about 60 millilitres capacity, place 3 millilitres of a solution of potassium iodide (83 per cent. w/v), 5 millilitres of hydrochloric acid and 10 millilitres of glacial acetic acid; immerse the tube in a freezing mixture until the temperature is reduced to -3°, then add 5 millilitres of the acetic acid solution of the oil mixing with the reagent as quickly as possible and making due allowance for the draining of the burette. Allow to stand in a cool place for five minutes, and then, without diluting, titrate the liberated iodine with N/10 sodium thiosulphate. At the same time, carry out the operation without the oil, but the reagent must be diluted with 20 millilitres of water before titrating the liberated iodine. The difference between the two titrations represents the iodine liberated by the ascaridole. Each millilitre of N/10 sodium thiosulphate is equivalent to 0.00665 gramme of ascaridole.

Fixed Oils

OLEUM HYDROCARPI.—The fatty oil is obtained by cold expression from the fresh, ripe seeds of *Hydrocarpus wightiana*, Blume. A yellowish or brownish yellow oil or soft cream-coloured fat; odour, slight, characteristic; taste, somewhat acrid. Partially soluble in cold alcohol (90 per cent.) but almost wholly soluble in hot alcohol (90 per cent.). Miscible with ether, with chloroform or with carbon disulphide. Specific gravity (25°/25°), 0.950 to 0.960; melting point, 20° to 25°; specific rotation, determined on a solution made by dissolving 10 grammes of oil in chloroform and diluting to 100 millilitres with the same solvent, not less than +53°; refractive index at 40°, 1.472 to 1.476; acid value, not more than 25; saponification value, 198 to 204; iodine value, 97 to 103.

(To be continued.)

Insurance Act Dispensing

Record of Matters concerning Chemists' Interests in the National Health Insurance Acts

Local Reports

ENGLAND AND WALES

Bristol.—The annual meeting of the South-Western Joint Pricing Committee was held at Bristol recently. The report of the superintendent shows, *inter alia*, that during the year 13,758 accounts were received from chemists. In addition, 8,124 prescriptions were priced under the distribution scheme, dispensing patients, tuberculous patients, etc., making a total of 3,466,145 prescriptions. The total amounts certified for payment to chemists in respect of prescriptions for the year were as follows:—Ingredient costs, £56,474; dispensing fee costs, £63,322. The average cost per prescription for the year was 8.31d., this being the lowest since 1919. The Retail Pharmacists' Union examined about 10 per cent. of the scripts, the percentage of error disclosed, on balance, being 0.031 for the eleven months ended November 30.

Essex.—The quarterly meeting of the Essex Insurance Committee was held recently. The Finance Subcommittee reported that the Minister of Health had accepted the recommendation that, as the total amount available for defraying the cost of drugs and appliances, on the basis of the drug tariff, exceeds the total amount of the chemists' accounts, payment should be made of 119.74 per cent. of the dispensing fees after meeting ingredient costs in full. With regard to the current year, the Pharmaceutical Distribution Committee have recommended that, during the first six months of the year, payment to chemists in respect of ingredient costs should be made in full, and that advances in respect of dispensing fees should be made at the rate of 95 per cent.; the Minister had accepted this recommendation also. The Subcommittee stated that they had authorised the payment of the amounts due to chemists. The Medical Benefit Subcommittee, which had considered the matter, recommended that the Committee express its regret that the Minister of Health had proposed to revoke clause 4 (4) of the Terms of Service for persons supplying drugs and appliances. After discussion the report was adopted. It was stated that the Pharmaceutical Service Subcommittee had investigated seven complaints against chemists for alleged breaches of the Terms of Service. In two cases it was decided that no further action be taken. A fine of £1 each was imposed in four cases and in one a fine of £2. The report was adopted.

London.—The monthly meeting of the London Insurance Committee was held on April 23. The Finance Subcommittee recommended the payment of accounts amounting to £249,515 15s. 5d., including £29,460 19s. 10d. to chemists for the medical years 1930 and 1931. The Medical Benefit Subcommittee recommended that protest be made against the proposed revocation of Clause 4 (4) of the Terms of Service for persons supplying drugs and appliances. Mr. Lesser said that if any profession or trade was affected by the proposed revocation of that clause, surely it was for them to protest, and not the Insurance Committee. Mr. J. Skinner (chairman) said the Subcommittee, after he took the recommendation back, had given considerable time to the consideration of the matter, and the result of their deliberations was the resolution on the agenda paper. The report of the Subcommittee was carried.

Middlesex.—A meeting of the Insurance Committee was held recently. The Finance and General Purposes Subcommittee reported that the amount of chemists' accounts for 1930 was £31,530, and the amount of dispensing fees £37,780. The cost of drugs and appliances had been paid in full, and dispensing fees, calculated at the rate of 119.74 per cent., amounted to £45,238. The Subcommittee reported they had had under consideration the question of the National Formulary and of the

Middlesex Formulary; and were of opinion that the question of having only one formulary should be settled at the earliest possible date. A resolution was moved declaring that the Committee accepted the National Formulary, and could not agree to the continuance of the Middlesex Formulary. After discussion, the motion was withdrawn and the report adopted. The Finance and General Purposes Subcommittee recommended that the Committee strongly protest against the proposed revocation of Clause 4 (4) of the Terms of Service for persons supplying drugs and appliances. It was moved that the report be referred back. The amendment was lost, and the recommendation of the Subcommittee adopted.

Newport (Mon.).—Reporting on a meeting of the Association of Welsh Insurance Committees, to a meeting of the Newport Insurance Committee, Councillor Griffith J. Jones referred to the proposed revocation of Clause 4 (4) of the Terms of Service for persons supplying drugs and appliances. Mr. T. J. Badgett said that if the revocation went through it would be nothing less than bribery. Chemists could offer anything, and he did not think that it was in the interests of the public that anything like that should go forward. It was suggested that a resolution be passed protesting against the proposed revocation of the clause. Mr. J. Moses thought they should get to know exactly what was happening before they passed any resolution. The matter dropped.

SCOTLAND

Dundee.—At a recent meeting of Dundee Insurance Committee, a letter was read from the Department of Health drawing attention to the large number and variety of proprietary preparations prescribed in the area, and asking whether the Panel Committee were satisfied that that method of ordering drugs was necessary. It was stated that the Panel Committee had written to the Insurance Committee stating that they were of opinion that this method of ordering drugs was unnecessary and placed an unjustifiable charge on the drug fund. They recommended that proprietary drugs, with the exception of gland preparations, be not allowed. The matter was remitted to the Medical Benefit Subcommittee for consideration and report.

Edinburgh.—The monthly meeting of the Insurance Committee for the burgh was held recently. It was reported that the number of prescriptions issued to insured persons in Edinburgh in January showed an increase of 1,802 over the number for the corresponding month of last year. A report was submitted on the testing of drugs and appliances supplied to insured persons, indicating that thirty-eight tests were carried out during 1930. The report showed that, with two exceptions, the samples were up to the requisite standard. In two cases of inaccuracy monetary penalties had been imposed.

NORTHERN IRELAND

Belfast.—At a recent meeting the Central Pharmaceutical Committee reduced the voluntary contributions from the National Health Insurance accounts from 3d. in the £ to 1d. in the £, commencing with the March accounts. These contributions, it will be recalled, went towards maintaining the six area Pharmaceutical Committees in Ireland and also the central pharmaceutical body under National Health Insurance. When 3d. was originally fixed there was criticism that the amount was too high, but assurance was given that if working on the scheme made any reduction possible it would be carried out at the earliest possible moment.

Trade Report

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling, packing, etc. Qualities of chemicals, drugs, essential and fixed oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

28 Essex Street, W.C.2, May 28

In pharmaceutical chemicals business has been very quiet with the holidays intervening. Quoted prices for the majority of products are unchanged and the tone is fairly steady. Citrates are cheaper, while methylated ethers are dearer with the advance in methylated spirit. Tartaric and citric acids continue in limited call and sales for quantities are a matter of negotiation. Cream of tartar is about unchanged, but the demand is light. Bismuth metal was advanced 6d. per lb. on Wednesday and a rise has been made in bismuth salts. There is nothing of interest to report in the industrial chemical market, which has been dull, with quoted values generally unchanged. Among drugs, cheap Tinnevelly senna is scarce and there is a steady demand for hand-picked Tinnevelly pods. An unlooked for demand for West Indian honey has somewhat surprised the trade and a fair amount of business has been done. Ipecacuanha continues easy, and cod-liver oil is unchanged. In essential oils, interest has been lacking and the only alterations in values to record are further depreciation in Sicilian lemon, orange and American spearmint.

Firmer	Easier
Bismuth metal	Mercury amm. cit.
Bismuth salts	Lemon oil
Ethers (methylated)	Linseed oil
Pimento	Orange oil
Spirit (methylated)	
	Potash citrate
	Shellac
	Sodium citrate
	Spearmint oil

Cablegram

BERGEN, May 27.—The catch of cod up to date is now 38,000,000, against 57,254,000 last year, and the yield of steam-refined non-freezing medicinal oil is 59,925 hectol., against 77,507 hectol. last year.

Pharmaceutical Chemicals, etc.

SUBDUED markets are reported, with but very little change to record. Since the resumption after the holidays little interest has been shown. Methylated ethers are dearer, due to an advance in price of methylated spirit. Citrates are cheaper. There is a keen market for bromides. Citric and tartaric acids continue rather weak and business in cream of tartar shows no improvement. Bismuth salts have been advanced.

ACETANILIDE is steady, with business quiet: B.P. crystals and powder, 1s. 4½d. to 1s. 6d. per lb., as to quantity.

ADRENALIN is unchanged on spot at 3s. to 3s. 3d. per gram, in tubes.

ANIDOL meets with some business: one cwt., 7s.; 56 lb., 7s. 3d.; 28 lb., 7s. 6d.; 14 lb., 7s. 9d. per lb., in 7-lb. tins.

AMIDOPRIN is a quiet market, with prices steady: crystals, five cwt., 12s. 9½d.; two cwt., 13s. 0½d.; less than two cwt., 13s. 5d. per lb., with powder 1½d. per lb. extra.

AMMONIUM BENZOATE is offering spot at 3s. 4d. to 3s. 6d. per lb., as to quantity.

AMMONIUM CARBONATE (B.P.) is quoted at about 1s. per lb. for resublimed.

AMMONIUM ICHTHOSULPHONATE is steady but quiet: one cwt., 1s. 1½d., in 14-lb. tins; 1s. 2½d. in 1-lb. tins; 1s. 4d. in 8-oz. tins, and 1s. 7½d. in 4-oz. tins.

ASPIRIN continues in fair request and Convention prices are steady. Home trade: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 28 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s.; 1 lb., 3s. 4d. per lb. Export to Colonies and British Possessions: ten cwt., 2s. 7d.; five cwt., 2s. 8d.;

one cwt., 2s. 8½d. per lb., f.o.b.; less than one cwt., 2s. 9d. ex works.

ATROPINE SULPHATE is offering at about 7s. to 7s. 3d. per lb., as to quantity.

BARBITONE is steady as quoted and occasional business is moving: spot, one cwt., 7s. 3d.; smaller parcels, 7s. 6d. per lb.

BENZALDEHYDE is of some interest, with quantities of f.f.c. in carboys from 1s. 10d. per lb.

BENZOIC ACID (B.P.) is in fair demand, with prices about 1s. 10d. to 1s. 10½d. per lb.; quantities, ex works, about 1s. 9½d. per lb.

BISMUTH SALTS.—The Convention on May 27 advise that prices for these products have been advanced from 3d. to 6d. per lb. The current scale of prices is as follows:

	8 lb. and under 28 lb.	28 lb. and under one cwt.	Not less than one cwt.
	per lb. s. d.	per lb. s. d.	per lb. s. d.
Bismuth carbonate	8 0	7 6	7 3
" citrate ..	9 1	8 7	8 4
" nitrate cryst. ..	6 1	5 7	5 4
" oxide ..	11 1	10 7	10 4
" salicylate ..	8 4	7 10	7 7
" subchloride ..	10 9	10 3	10 9
" subgallate ..	8 3	7 9	7 5
" subnitrate ..	7 3	6 9	6 5

A rebate of 3d. per lb. will be allowed on sales of not less than 2 cwt. (either for prompt delivery or on contract), provided delivery is completed or paid for within three months. The previous alteration in prices took place on March 13, when, despite an advance of 6d. per lb. in metal, the salts were reduced from 6d. to 9d. per lb.

BROMIDES are about unchanged on quotation and for sales of ordinary size, but there is continued keenness for important business, for which quoted rates are discounted: ammonium, about 1s. 7½d.; potassium, B.P. crystals, 1s. 4d.; granular, 1s. 3½d.; sodium, B.P., 1s. 6½d. per lb.

BUTYL CHLORAL HYDRATE is steady but rather quiet: 14 lb., 8s.; 7 lb., 8s. 3d.; and 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE is about steady but in poor demand: pure alkaloid, 7s. 3d. to 7s. 6d.; citrate, 5s. 7d. to 6s. per lb., as to quantity.

CALCIUM LACTATE is being called for in moderate quantities: spot, 1s. 1½d. to 1s. 3d. per lb., as to quantity.

CHLORAL HYDRATE is very steady, with some business moving: duty-paid crystals, 2s. 11½d. to 3s. 1½d. per lb., as to quantity and packing; foreign, 3s. 3d. per lb., ex store.

CITRATES.—The makers on May 23 announced a reduction of 2d. per lb., and now quote as follows:

	7 lb.	28 lb.	lb.
	s. d.	s. d.	
Potassium citrate B.P.	2 0 lb.	1 7 lb.	Reduced 2d.
Sodium citrate B.P.C. 1923	2 1 "	1 8 "	2d.
1911	1 9 "	1 4 "	"
Iron citrate and ammon B.P. (brown)	2 2 "	1 —	2d.
" green scales	2 6 "	—	Unchanged

The previous revision of prices took place on January 1, 1931, when a reduction of 2d. to 3d. per lb. was notified.

CITRIC ACID (B.P. crystals).—The volume of business coming on the market remains disappointing and the general tone is unsteady, with the outlook by no means promising. Except for orders of a few cwt., prices for sales are a matter of negotiation: foreign, on spot, 11½d. to 12d. per lb., less 5 per cent., carriage paid. British makers quote 11½d. per lb., less 5 per cent. discount.

COCAINE.—There is no change in Convention prices: hydrochloride, 25 oz., 20s. 11d.; 16 oz., 21s. 7d., and less, 22s. 3d. per oz.; pure, 22s. 11d. up to 24s. 4d. per oz.; 1-oz. tins, 2½d. extra.

CREAM OF TARTAR is about unchanged on the week, but business is still very limited in volume, and the tone is inclined to be unsteady: foreign material, on spot, 79s. 6d. per cwt., less 2½ per cent., carriage paid, and something less for important business. British makers quote 82s. per cwt., less 5 per cent. discount.

CREOSOTE CARBONATE (B.P.) is dull: spot, 5s. 5d. to 5s. 9d. per lb.

EITHER (METHYLATED).—On account of the increased cost of methylated spirit the makers of methylated ethers advanced their prices on May 23 by 1d. per lb. Anesthetic

ether made from duty-free rectified spirit is not affected. The current rates are as follows:—

	In W.-qts.	Not less than 12 W.-qts.	In drums or carboys
S.g. 0.750	lb. 1s. 1½d.	lb. 1s. 1d.	lb. 1s. 0½d.
0.735	lb. 2d.	lb. 1½d.	lb. 1d.
0.730	lb. 2d.	lb. 1½d.	lb. 1d.
0.725	lb. 4d.	lb. 3d.	lb. 3d.
0.725 triply rect.	lb. 8½d.	lb. 8d.	lb. 7½d.
0.720	lb. 5d.	lb. 4d.	lb. 4d.
0.717	lb. 11d.	lb. 10½d.	lb. 10d.
Ether B.P. for anaesthesia, from duty-free rectified spirit ..	2s. 1½d.	2s. 1d.	2s. 0½d.

GUAIACOL CARBONATE remains quiet, with spot quoted from 4s. to 4s. 3d. per lb., as to quantity.

HEXAMINE continues in very fair call, with prices for free-running crystals holding: spot, 1s. 10d. to 1s. 10½d. per lb., and slightly less for large contracts.

HYDROQUINONE is of interest and prices are keeping up: ten cwt., 3s. 9d.; five cwt., 3s. 9½d.; two cwt., 3s. 10½d.; one cwt., 3s. 11d.; 56 lb., 4s.; 28 lb., 4s. 2d.; 14 lb., 4s. 4d.; 7 lb., 4s. 6d.; 1 lb., 5s. 4d. per lb., carriage paid.

IODINE is steady: resublimed, one cwt., 19s. 3d. up to 19s. 9d. for 14-lb. lots.

LACTIC ACID (B.P.) shows no further alteration in values, but the market continues competitive: one to 99 ks., 1s. 8d.; 100 to 499 ks., 1s. 7d.; 500 to 999 ks., 1s. 6½d.; 1,000 to 4,999 ks., 1s. 6d., and 5,000 ks. and over, 1s. 5½d. per lb., in 50-ks. carboys, carriage paid.

MERCURIALS are unchanged at standard prices: red oxide, 7s. 10d.; corrosive sublimate, lump, 6s. 7d.; pulv., 6s.; white precipitate, 6s. 9d.; calomel, 7s. 2d.; yellow oxide, 7s. 8d.; persulphate, 6s. 11d. per lb., in minimum cwt. lots; 1d. lb. more for less than one cwt.

METHYL SALICYLATE (B.P.) is steady and business is satisfactory: one ton, 1s. 3d. up to 1s. 5d. per lb.

METHYL SULPHONAL remains quiet: two cwt., 12s. 7d.; one cwt., 13s.; 56 lb., 13s. 5d.; small parcels, 13s. 7d. per lb.

MILK SUGAR is steady: one ton, 44s.; ten cwt., 45s.; two cwt., 46s. per cwt., in two-cwt. cases.

MUSK XYLOL is a steady but quiet market: five cwt., 5s. 9d.; one cwt., 6s.; 56 lb., 6s. 3d.; 28 lb., 6s. 4½d.; 7 lb., 6s. 6d.; smaller lots, 7s. per lb. spot.

PARAFORMALDEHYDE is in moderate request at level prices: 100 per cent. powder, in kegs, from 1s. 4d. per lb.; smaller lots, up to 1s. 5½d. per lb.

PARALDEHYDE is unchanged on quotation: demijobns, 10½d.; drums, 11½d.; Winchesters, 1s. per lb.

PHENACETIN continues steady and in moderate demand: crystals, ten cwt., 3s. 8d.; five cwt., 3s. 9d.; two cwt., 3s. 9½d., and less, 3s. 10½d. per lb., with powder 1½d. per lb. extra.

PHENAZONE.—Convention prices are unchanged, with outside parcels competitive: crystals, ten cwt., 6s. 11d.; five cwt., 7s. 0½d.; two cwt., 7s. 2d., and less, 7s. 3½d. per lb., with powder 1½d. extra.

PHENOLPHTHALEIN is in some small demand at steady prices: ten cwt., 5s.; two cwt., 5s. 1d.; less than two cwt., 5s. 2½d. per lb. Export: ten cwt., 4s.; two cwt., 4s. 1¼d.; less than two cwt., 4s. 2½d. per lb.

PHENYL EHYL BARBITURIC ACID is unchanged: 56 lb., 52s. 3d.; less than 56 lb., 54s. 9d. per lb.; bottles of one kilo and over free; same price for sodium.

PIPERAZINE is steady but quiet: one cwt., 26s. 10d.; 56 lb., 27s. 8½d.; 11 lb., 29s. 6d.; 2 lb., 30s. 4½d.; less, 31s. 3d., in 3-oz. bottles; 1-oz. bottles packing from 31s. 7d. to 35s. 11d.

POTASSIUM IODIDE is quoted on spot from 16s. 8d. to 17s. 6d. per lb., as to quantity.

POTASSIUM METABISULPHITE is steady, while business is slow: quoted from 48s. to 50s. per cwt., in kegs, carriage paid.

POTASSIUM PERMANGANATE (B.P.) is steady, with the demand unimportant: druggists' parcels, from 5½d. to 6d. per lb.; quantities, in drums, 5½d. to 5½d. per lb.

PYROGALLIC ACID is in fair demand and prices are well maintained: one cwt., 6s. 9d.; 56 lb., 7s.; 28 lb., 7s. 3d.; 14 lb., 7s. 9d.; 7 lb., 8s. 6d. per lb., in 7-lb. tins.

QUININE SULPHATE is steady at 1s. 8d. per oz. for quantities.

RESORCIN is at full prices and business is fairly good: spot, from 2s. 9½d. up to 2s. 11d. per lb.

ROCHELLE SALTS.—Makers' prices are steady at the recent reduction: five cwt. or over, in one delivery, 77s. 6d.; less than five cwt., 80s.; less than one cwt., 82s. 6d. per cwt., carriage paid. PULV. SEIDLITZ is also steady: five cwt. or over, in one delivery, 62s. 6d.; less than five cwt., 64s. 3d.; less than one cwt., 66s. 3d.; double, 68s. 9d., 71s. and 73s., carriage paid.

SACCHARIN continues steady: 550, 43s. 6d.; 25 lb., 42s. 6d.; 50 lb., 42s. per lb.

SALICYLIC ACID (B.P.).—Home makers' prices are very steady: one ton, 1s. 5d.; ten cwt., 1s. 5½d.; five cwt., 1s. 6d.; one cwt., 1s. 6½d.; small parcels, up to 2s. per lb.

SALOL meets with occasional business: crystals, two cwt., 3s. 7½d.; one cwt., 3s. 9d.; 56 lb., 3s. 9½d., and smaller lots, 7s. 10½d. per lb.; powder, 1½d. per lb. extra.

SODIUM BENZOATE (B.P.) is a keen market for a limited business: one-ton lots, 1s. 6½d. up to 1s. 7½d. per lb. for small parcels.

SODIUM SALICYLATE (B.P.) is about steady and business is fair. Home trade: two tons, 1s. 10d.; one ton, 1s. 10½d.; ten cwt., 1s. 11d.; five cwt., 1s. 11½d.; one cwt., 2s.; 28 lb., 2s. 1d.; 14 lb., 2s. 3d.; 7 lb., 2s. 4d.; 1 lb., 2s. 5d. per lb., with crystals 1d. per lb. extra.

SULPHONAL remains dull, with quoted prices unchanged: spot, crystals, 10s. 1d. to 11s. 2d. per lb., as to quantity, with powder 1½d. per lb. extra.

TARTARIC ACID (B.P. crystals) continues in quiet demand, mostly for comparatively small quantities, and the tone remains unsteady: foreign material in lots of a few cwt., about 11d. to 11½d. per lb., less 5 per cent., ex wharf, and slightly less for large quantities. British makers quote 11½d. per lb., less 5 per cent. discount.

THYMOL is unchanged on quotation, with the market dull and rather easy: synthetic white, one cwt., 6s. 1½d.; 56 lb., 6s. 2d.; 28 lb., 6s. 4½d.; 14 lb., 6s. 6d. per lb.; ex ajowan seed, one cwt., 7s. 3d.; 56 lb., 7s. 4½d.; 28 lb., 7s. 6d.; 14 lb., 7s. 9d. per lb.

VANILLIN is unchanged at controlled prices, but there is some outside material offering at a discount: ex guaiacol, one ton, 13s.; ten cwt., 13s. 3d.; five cwt., 13s. 6d.; three cwt., 13s. 9d.; one cwt., 14s.; 56 lb., 14s. 3d.; 28 lb., 14s. 6d.; 14 lb., 14s. 9d.; less, 15s. per lb.; ex clove oil, 14s. 6d. to 16s. 6d. per lb., as to quantity, from one ton to less than 14 lb.

Crude Drugs, etc.

AGAR-AGAR is holding steady at full rates: Kobe No. 1, 3s. 6d.; No. 2, 3s. 4½d. per lb. spot. Yokohama No. 1, 3s. 3d. spot and the same figure for shipment, c.i.f.

ANTIMONY has remained dull: Chinese crude, spot, £22; forward, £14. c.i.f.; Chinese white oxide, £30 spot; for shipment, £21 c.i.f.

CAMPHOR (REFINED) is quiet but steady on the spot at 2s. 1d. per lb. for Japanese slabs, 2s. 2½d. for flowers and 2s. 7d. for ½-oz. tablets. To arrive, slabs are 1s. 10½d., flowers 1s. 11½d., and ½-oz. tablets 2s. 5½d. per lb., c.i.f.

CARDAMOMS are quiet and unchanged: bold Ceylon-Mysore are quoted at 5s. 9d. to 6s.; mediums, 4s. to 4s. 6d.; small mediums, 2s. 9d. to 3s.; and small, 2s. 3d. to 2s. 6d. per lb. Green Alleppy on spot is 1s. 11d., and for shipment 1s. 7½d. c.i.f. Bombay seed on spot is quoted at 3s.

CLOVES remain quiet and are just a shade easier, with the shipment market weakening: Zanzibar, spot, 10½d.; shipment, May-July, 8½d.; August-October, 7½d. per lb., c.i.f. Madagascar is slightly easier for May-June shipment at 8½d. c.i.f., and the spot is about 9d. per lb.

The landings of Zanzibar in London during the week ended May 23 were 100 and the deliveries 57, leaving a stock of 68s. against 1,260 in 1930 and 1,914 bales in 1929. From January 1 to date, landings of Zanzibar have been 767, against 4,545 in 1930, and the deliveries 1,095, against 4,083 in 1930. Landings of Madagascar for the week ended May 23 were 150 and the deliveries one, leaving a stock of 1,012, against 1,751 in 1930 and 797 bales in 1929. Landings of Madagascar this year to date have been 1,545, against 2,828 in 1930, and the deliveries 1,439, against 1,091 in 1930.

COCOA BUTTER is steady but quiet, with prime English at 10d. and Van Houten's A at 10½d. per lb., spot, in not less than one-ton lots.

COD-LIVER OIL.—The market has remained dull with only unimportant business passing, with prices about unchanged. Fishing has shown some improvement, and the deficiency to date is 17,532 hectol. of medicinal oil. Quotations for

finest brands of new non-freezing steam-refined Lofoten oil are at about 107s. to 110s. per barrel, c.i.f. Spot, minimum five-barrel lots, 113s. to 114s. per barrel. Some brands may be slightly cheaper.

GINGER remains dull, with West African on spot easy at 24s.; for arrival, sellers at 22s. for bulk quantities.

GUM ACACIA.—The market has been slack since the reopening with prices unchanged.

The exports of all descriptions from the Sudan during January-April 1931 amounted to 9,908 tons, an increase of 852 tons over the corresponding period of 1930. The imports to Great Britain were 2,574 tons, or 649 tons more than in the corresponding period for 1930. The exports from the Sudan for this year of the bleached quality will amount to 150 tons, which is about equal to the exports for the previous year. Owing to the heavy night dews the quality, although good, is not up to that of the shipments of the preceding year.

HONEY has been fairly active for West Indian, sales amounting to several hundred barrels, no reason being assigned for the movement. Amber liquid is 24s. 6d. to 28s.; darkish amber liquid, 23s. to 24s., and pale amber, 30s. to 33s. per cwt., with sales at these prices.

IPECACUANHA.—There is still but small and occasional interest in this market, and spot Matto Grosso is easier at about 7s. per lb., with the forward quotation about 6s. 9d. c.i.f. At these values the market is by no means steady.

MALE FERN EXT. is steady at 3s. 5d. per lb. for 26 per cent. filicin.

MENTHOL.—The market has barely opened since the holidays: quoted prices for K/S are about 14s. per lb. spot, and April-June shipment 13s. 6d., c.i.f.

The imports into U.S. for March totalled 49,680 lb., valued \$136,998, against 30,919 lb. (\$111,388) during March 1930. The imports for the period January-March 1931 were 119,345 lb. (\$333,950), against 105,054 lb. (\$375,873).

MERCURY.—The Convention report their shipment quotation remains at £21 15s. per bottle, f.o.b. This figure is, of course, nominal and business of importance is a matter of negotiation. Spot, mostly Mexican, is available at about £21 per bottle, ex store, and slightly less for a good-sized parcel.

PEPPER is maintained at level rates on the week: Lampong, spot, 5d.; afloat, 5½d.; April-June, 5½d.; August-October, 5½d. c.i.f. Tellicherry is steady at full rates: shipment, April-May, 5½s. 6d.; c.i.f.; Alleppey, April-May, dearer at 5ls. 6d. White Muntok is steady, spot 8½d.; April-June, 8d.; May-July, 7½d.; August-October, 7½d.

PIMENTO is dearer on a firm market, with spot 3½d. per lb., and the shipment quotation advanced to 24s. 9d. for June-July, c.i.f.

RUBBER is lower on the week and is almost inactive: No. 1 standard ribbed smoked sheet, spot, 3½d.; June, 3½d.; July-September, 3d.; October-December, 3d. U.K. stocks, 139,581 tons, against 101,675 tons a year ago. World stocks at end of April, 521,901 tons, against 408,352 tons.

SEEDS.—ANISE.—Spanish is 47s. 6d., Bulgarian 32s. 6d., and Russian, 30s. per cwt. on the spot. CANARY has been neglected during the past week, although prices remain unchanged. A parcel of Mazagan has just arrived and is offered at 23s. ex store; 23s. per cwt. c.i.f. is also quoted for shipment. Casablanca is 20s., Larache 21s., and Kenitra 19s. spot. CUMIN.—Malta is quiet and unchanged at 57s. 6d. on the spot. Morocco is quoted at 52s. 6d. on the spot, with very little business. For new crop, July-August shipment, 37s. 6d. c.i.f. is still quoted. No business has yet been reported at this price. FENUGREEK.—Old crop is selling at 17s. for small lots; new crop is quoted at 15s. on the spot. Tunisian is still worth 17s. 6d. CARAWAY.—Prime Dutch is 3ls. 6d. on spot, and new crop 28s. 6d. per cwt. MUSTARD.—English is 23s. to 31s. 6d. per cwt., according to quality. CORIANDER.—Sales have been made at 9s. 6d. for ten-ton lots. Business has now dropped off again. For shipment, 12s. c.i.f. is the latest price quoted.

SENEGA has been of interest, with new crop selling at 2s. c.i.f. for July-August shipment; spot, about 2s. 3d.

Senna PODS.—There is a very fair business moving and the market is firm at unchanged prices. Best hand-picked Alexandrian are scarce. Finest selected hand-picked, from 5s. 9d. and upwards; seconds, 3s. 6d. to 4s.; medium, 1s. 9d. to 2s.; ordinary manufacturing, 4½d. to 5d. per lb., as to quality.

SHELLAC.—The market has been dull and values are lower on the week: TN orange standard quality, 70s. spot; fine orange, 82s. 6d. to 160s.; pure button, 90s.; for arrival, sellers of TN for May-June and June-July at 60s. c.i.f.

SPRIT (METHYLATED).—The makers, on May 26, notify that prices for industrial, pyridinised and mineralised spirits

have been revised, showing an advance of 4d. to 5d. per gallon. The following prices will remain in operation until December 31, 1931. The previous revision in prices took place on May 26, 1930, when prices were advanced 3d. to 4d. per gallon for the ensuing twelve months. These values were considered uneconomic to the methylators, and it was only the fact that they had agreed to stabilise values for twelve months that prevented a revision at an earlier date.

Quantity in one Delivery	Industrial	Pyridinised industrial	Mineralised (coloured Violet)
	61 o.p. 64 o.p. s. d. s. d.	61 o.p. 64 o.p. s. d. s. d.	61 o.p. 64 o.p. s. d. s. d.
500 gallons and upwards	1 11 2 0	2 1 2 2	— — —
100 " and under 500	2 0 2 1	2 2 2 3	3 0 3 1
30 "	100 2 2 2 3	2 4 2 5	3 2 3 3
10 "	30 2 4 2 5	2 6 2 7	3 4 3 5

Industrial methylated spirit of 66 o.p., 68 o.p. and 74 o.p. 1d., 2d. and 4d. per gallon respectively over prices quoted for 64 o.p. Methylated resin finish 2d., and shellac finish 4d. per gallon over prices of pyridinised industrial spirit. Terms: less 2½ per cent., packages returnable and carriage allowed.

TRAGACANTH.—Fair business has been done during the past few weeks; there is a shortage of fine medium grades, for which £19 to £25 per cwt. is called. Imports are likely to be inconsiderable for some months and a shortage of these grades is probable. To-day's prices are between £2 and £3 per cwt. lower than those ruling a year ago. Fine ribbon No. 1, £29 to £31; ordinary, £27 to £29; seconds, £25 to £26; thirds, £18 to £22; fourths, £10 to £16; thick white Persian leaf, £7 to £9 10s. per cwt.

Essential Oils

THERE has been but very little business moving in this market and some of the leading lines are quite neglected. Sicilian lemon and orange oils are cheaper, and spearmint shows further depreciation. Japanese peppermint has been lifeless and is unsteady.

ANISE (STAR) remains dull and easy as quoted: "Red Ship" brand on spot, about 2s. 2d. to 2s. 3d. per lb., for leads; June-July shipment, leads, 1s. 8½d.; drums, 1s. 6d. c.i.f.

CARAWAY is slow, with prices unchanged: Dutch, double-distilled, on spot, 6s. 9d. to 7s.; crude, 6s. 3d. to 6s. 6d.

CASSIA is dull and inclined to be easy as quoted: for oil passing the B.P., from 3s. to 3s. 1d.; forward, slightly easier at 2s. 7½d. c.i.f.

CITRONELLA is dull and somewhat easier: Ceylon on spot, about 1s. 7d.; forward, 1s. 4d. c.i.f.; Java on spot, about 2s.

EUCALYPTUS has been neglected: 70 to 75 per cent., 1s.; 80 to 85 per cent., from 1s. 2d. per lb.

JUNIPER BERRY.—B.P. is steady on a slow market: spot, 4s. 9d. to 5s. 6d. per lb., as to quality.

LEMON.—Market has been dull and prices are cheaper: Sicilian hand-pressed, spot, 2s. 7½d. to 2s. 10½d., and forward, 2s. 6d. to 2s. 9d. per lb. c.i.f. Machine-made, spot, 2s. 3d. to 2s. 4½d.; forward, 2s. 1½d. to 2s. 3d. per lb.; Californian, spot, 2s.

LEMONGRASS is dull, with the spot value about 2s. per lb., and to arrive about 1s. 10d. c.i.f.

ORANGE is again easier and business is still rather poor with the market somewhat irregular: Sicilian, spot, 6s. 9d. to 6s. 10½d. per lb., and forward, about 6s. 7½d. to 6s. 9d. c.i.f. West Indian is offered at about 6s. 6d. spot and sixpence less c.i.f.

PALMAROSA is unchanged and dull: spot, 8s. 3d.; forward, 7s. 9d. c.i.f.

PEPPERMINT.—Japanese dementhrolised has been lifeless over the holidays: K/S brands, spot, 4s.; April-June, 4s.; July-August, 4s. 1d.; October-December, 4s. 1d., c.i.f.

SASSAFRAS continues steady, with spot at 4s. 6d. to 5s. 6d. per lb. as to origin.

SPEARMINT shows further weakness, with spot down to 10s. per lb., and the shipment offer down to 9s. c.i.f.

The following arrivals have taken place from the countries indicated during the period May 13 to 19 inclusive: Bay (B.W.I.) 8 cs.; bergamot (It.) 12 cs.; caraway (Nethld.) 2 cs.; cinnamon (Ch.) 5 cs.; citronella (Jv.) 8 dms.; eucalyptus (Aust.) 20 cs.; geranium (Fr.) 2 dms.; gingergrass (Ind.) 4 cs.; guaiac wood (Gy.) 4 cs.; lime (It.) 1 cs.; lemon (It.) 354 cs.; (Spn.) 34 cs.; lemongrass (Ch.) 2 dms.; orange (It.) 25 cs.; (Nethld.) 1 cs.; peppermint (Jp.) 15 cs.; thyme (Sp.) 2 dms.

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor.

Council Election

SIR.—I shall be pleased if you will allow me sincerely to thank the 3,901 members of the Society who voted for me at the Council election. It will be my endeavour to justify their confidence in again returning me to the Council at the most critical period in the Society's history.—Yours, etc.,

Sheffield.

HERBERT ANTCLIFFE.

SIR.—Will you please allow me, through your columns, to express my sincere thanks to all those of my fellow members whose votes contributed to my success in the recent Council election, and especially to those whose efforts and influence secured the votes of others? They may rest assured that I shall do my utmost to carry out the promises made in my election address, and to promote their interests, together with those of all pharmacists.—Yours faithfully,

Birchfields, Birmingham.

J. W. ATKINSON.

SIR.—Permit me, through your columns, to thank the 3,000 members who voted in favour of my new progressive policy, which only by a hair's breadth failed to carry direct representation on the Council. This must be the first occasion on which a candidate polling over 3,000 votes failed to get elected. It is gratifying to find 500 more voting papers used, but still deplorable that 6,200 members would not take the trouble to vote. It is significant that whilst my policy obtained 41 per cent. of the votes recorded, the first representative of the Council's policy received no more than 63 per cent. Seeing that my manifesto was issued as a direct challenge to the policy of the Council, both as regards the Bill and its general apathy and lack of action in the interests of chemists in business, that there was no opportunity for expansion of details, nor for public discussion, and that I came before the electorate entirely unsupported by any branches or individual backing, I think you will agree that the measure of support received is remarkable, and testifies to the grave dissatisfaction of a large body of opinion with things as they are, which the Council cannot afford to ignore. This body of opinion now only needs to be fostered and increased, by discussion at branch meetings during the year of the forward policy proposed, followed by the putting forward of seven suitable candidates at the next election, to carry it into effect. Meanwhile I am delighted to see Mr. J. W. Atkinson returned with such a large majority, as one opposed to the old Council's policy regarding the Bill. The volume of support given to my policy and "independent" candidates generally is undoubtedly "the writing on the wall," of which the Council will do well to take notice.—Yours faithfully,

Burton-on-Trent.

WILFRID LEAN.

SIR.—Will you kindly allow me space in which to thank all those who voted for me at the recent Pharmaceutical Council election? It will be my endeavour to do my very best to justify this renewed vote of confidence.—Yours faithfully,

Ealing, London, W.5.

THOMAS MARNS.

SIR.—I wish very cordially to thank my 2,726 fellow-members who so kindly supported me at the poll last week, and I want to say that I am very satisfied with the increase of 809 votes I received at the second time of asking. It was a very interesting election, and I did enjoy the contest. May I congratulate the new member on his great success at the first attempt and also sympathise with the member who has been deposed, chiefly as a result of the unfortunate policy of the Council?—Yours very faithfully,

Dunfermline.

THOMAS C. MILLER.

SIR.—May I be permitted, through your columns, to thank the pharmaceutical electors for again returning me to the Council of our Society?—Yours, etc.,

HERBERT SKINNER.

Royal Northern Hospital, London, N.7.

SIR.—I should like to express my thanks and appreciation to those 2,987 members who voted in my favour at the Council election, and to say that, whilst naturally regretting that the number cast was not sufficient for me to retain my seat, yet it is a matter of personal satisfaction that my poll increased by nearly 700 votes over when I was first elected three years ago. I do not intend here to discuss the factors that brought about my defeat; there were several, but none as far as I can ascertain directed against my work on the Council. I went there as a representative of retail pharmacists, and my conscience is clear that in all matters concerning them I have done my utmost to protect their rights and privileges, and, furthermore, with regard to future legislation to see as far as it was possible that those rights are not taken away. Naturally I am disappointed at not being returned again, but I have been a sportsman long enough not to grudge my successor his victory, and in writing to congratulate him I have expressed my regret only in so far that I am sorry that the members instead of adding a retail man to the Council have only exchanged one. Perhaps, however, the time is not far distant when that will be remedied. In Mr. Atkinson the members have, I believe, chosen wisely; pharmacy should benefit by the experience and work he has done so ably in the past, and, for my part, I wish him every success. I should like once again to thank those members who recorded their vote in my favour, and especially do I thank those very many friends who have since Wednesday either written or communicated with me. Their messages of appreciation have done much to lessen my disappointment, and I can only say that if in victory there is pleasure then defeat has at least its consolations. To all those friends I would say I am not at all downhearted, and intend to carry on and to continue to do what work I can in the interest of pharmacy. In the near future I hope to come again to the members for their support, and when I do I shall look forward to the result with confidence. The most pleasing feature of the election was the large increase in the voting; that is a good sign, and I hope that interest will be fully maintained in the future.

Yours, etc.,

F. G. WELLS.

80 Battersea Bridge Road, S.W.11.

[We have received a letter on behalf of, but not signed individually by, Messrs. J. F. McNeal, Percy Barrs, T. C. Miller and J. J. Laws, thanking the chemists who voted for them at the Council election. The letter concludes: "The time is not far distant, we feel, when we shall be able to show our practical appreciation of their good will. Our energies to end (not mend) the Poisons and Pharmacy Bill will not be relaxed, and next year we shall again ask you for your vote of confidence."—EDITOR.]

A Link with Professor Bentley

SIR.—Your retrospect mentioning Professor Bentley's demonstrations of fifty years ago makes one wonder how many others there are remaining of the forty-two students besides myself who attended that gathering on that beautiful morning.—Yours faithfully,

W. K.

Competition

SIR.—May I suggest to "In the Neck," who writes (*C. & D.*, May 23, p. 620) regarding competition, that he could meet that competition successfully? This is the case so far as regards (2) if he would use his knowledge of minor ailments and their remedies and develop the counter-prescribing part of his business. (3) Surely he has, or ought to have, as much knowledge of "herbs" as his rival, and his training in pharmacy should enable him to present those articles of commerce more elegantly and more persuasively than an untrained man. (4) We all have co-operative drug stores to compete with us. There are four in this neighbourhood, serving a population of 20,000, and yet the private chemists seem to be doing well. (5) In the old days the chemist used to be a penny-line man, and made a living out of it. Why does "In the Neck" not put up his own sixpenny lines, and make a good thing of it? (6) Why send away D. and P. work to be done? Why not do it oneself—and, at the same time, do it better than anyone else—and keep all the profits at home? I do. (7) If your correspondent knows how to buy he can get the best quality of liquid paraffin so that he can put up 8-oz. bottles for 6d., giving him a profit of 4½d. per bottle. (8) Let him not wait for the next opponent, but go for the ones he has tooth and nail, and possibly no other opponent will show his nose.—Yours, etc.,

STICK-AT-NOTHING (26/5).

Examination Results

SIR.—The letter of "Qualified 1893" (*C. & D.*, May 23, p. 621) raises important points; and in reply to the query or suggestion that Edinburgh may be extra lenient I would at once refute such an idea in fairness to the Scottish Board. Writing as one who has passed through Edinburgh, my candid opinion is that the examiners there conduct the examinations with the utmost fairness to candidate and Society alike, and some of them seemed born examiners. What impressed me was their desire to discover how much the candidate really knew and not to plough him or her for the mere sake of showing superior knowledge. Are we to infer from your correspondent's letter that there should be only one examining body, and that in London? If so, Scotland would, with one voice, reply "Certainly not." I would advise "Qualified 1893" that if his son does choose Edinburgh he will receive fair and just treatment. There is just one other point I should like to emphasise, which may have some considerable bearing on the high percentage of Scottish passes as compared with English; the average Scottish apprentice receives a thorough training, both in the pharmacy and the college. I thoroughly agree that the monetary reward of the qualified chemist is utterly inadequate for the expense of time and money involved in training, but chemists have the remedy in their own hands, i.e., increasing their charges.

Yours truly,
THE THISTLE (26/25).

In a Continental Pharmacy

SIR.—The experiences entitled "Queer Aspects of My Job" (*C. & D.*, April 4, p. 394) remind me of the days when I was acting as manager of an English pharmacy abroad. One of the principal jokes was the language question. It happened that the town was one of the ports of call for those boats running holiday cruises, and we had frequently some of the passengers as customers; many of them used to adopt the language of signs to explain their requirements, to which we used to respond with similar signs when, as often occurred, they came in with a very superior attitude. One very heavy gentleman, beaming with satisfaction at having purchased some article by means of deaf and dumb motions, took a cigarette out of his case as he was turning to go, and I can still enjoy the look on his face when I said, "Would you like a light?" Another lady passenger

entered with the remark, "Say, kin you speak English?" I answered that I could speak English, with an accent on the last word which I am afraid passed unobserved. After satisfying her wants and answering many questions, she said, "Wal, I guess you kin speak English pretty good, whar did you get it from?" But the best incident was when a customer brought in an account which had been rendered time after time, and stated that she considered that our charges were extortive, as she had never paid more than one shilling for a certain prescription at a store chemist's in England. I was obliged to remind her that the nearest branch of that company was well over 2,000 miles away, and there were such incidentals as freight, insurance, landing and custom dues to be considered; as this did not stop the flow of her invective I finally pointed out that the account in question was much overdue, and asked if the store she had named allowed her six or eight months' credit for the shilling, much to the enjoyment of more acclimatised residents who formed an amused audience. At any rate the bill was paid. I have been asked to send cables, to collect luggage, to reserve tickets and berths, to look after dogs during a temporary absence, to meet children from steamers, to act as interpreter, to see to the laundry, and all sorts of things which I never learned at Bloomsbury Square, but it was all good experience.

Faithfully yours,
OVERSEAS (20/4).

Receiving a Deputation

SIR.—Seeing it reported that deputations of chemists from various parts of the country have been to Westminster to lay their objections to the Pharmacy and Poisons Bill before their respective members of Parliament, I was reminded of an occasion on which I took part in a local deputation, and I can only hope that the chemists who attended were more successful in their attempts to enlist the sympathies of their members than was the case when I made the pilgrimage. First of all, the local organiser got into touch with the M.P. for the district, and asked him to arrange for the reception of the deputation; this was done, the M.P. also agreeing to get other members who were interested to be present. A little before the appointed time we arrived outside the main entrance to the House of Commons, and after satisfying the policeman on duty as to our business we passed through the outer lobby. We then encountered another policeman, again having to state whom we wanted to see and what for, and after passing yet a third man in blue we eventually arrived outside the committee room allotted to us. This room had two doors, one for the members and the other for the deputation, and we were ushered in. The room was a fairly large one, looking over the river, and had tables and chairs arranged in three sides of a square round the chairman's table, the chair being taken by our own member. He opened the proceedings by stating the object of our visit and called on our spokesman to put our case, and then one or two M.P.s and other deputies spoke alternately. I do not know how many members we saw altogether, because they seemed to come in for a few minutes and then disappear again, presumably to some other business, but the burden of all their remarks was the same. They said, in short, that they had heard several deputations relating to the same matter; all the parties seemed to want something different and they could not please all of them, and, in any case, they could not depart from party procedure; they could not promise anything definite, and, of course, it was impossible to vote against a Bill which was a party measure. The time limit arrived before I was aware of it, and I found myself passing out again with a muddled impression of having had a glimpse of some vast machine driven by procedure with little relation to the hard facts of daily life. And that was the end of it; the deputation apparently produced no effect on the Bill in question.—Faithfully yours,

DEPUTY (18/5).

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

A. McC. (2/85).—MEDICINE FOR DOGS.—This is a clear, dark reddish brown oil, specific gravity 0.921, containing a large amount of sulphur, of the balsam or sulphur type, but not so "strong" as many specimens. It may be the balsam diluted with plain oil.

T. L. (28/8).—RED WATER REMEDY FOR CATTLE.—Sodium sulphate is the main component, about 80 per cent., with sulphur about 17 per cent., and sodium chloride about 3 per cent., possibly coloured with a variety of bole, but there is very little silica present.

B. & T. (14/48).—SOAP FORMULAS.—The following are the additions made to the soaps in question: *Buttermilk*, from 1 to 5 per cent. of casein; *Oatmeal*, from 1 to 5 per cent. of fine oatmeal; *Cold Cream*, an addition of 0.5 per cent. spermaceti, 0.7 per cent. white wax, and 1 per cent. almond oil.

J. H. (23/8).—BLACK FLUID.—This is a thick, scarcely pourable liquid smelling and tasting of caramel, but abnormally sweet. It gives a slight ash containing as significant elements potassium, tin and chromium. It looks like a caramel only partially burnt, possibly made by an amateur, who has perhaps added a little potassium bichromate and tin salt.

Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics.

Electric Combs

There is an increasing tendency on the part of manufacturers who advertise to regard chemists as so many pawns in the merchandising game. They call us "stockists" or "prospects." If we do not kick their traveller out immediately we are labelled as "potential stockists" or "live" prospects. Now, it seems, we are to be dictated to by manufacturers of electric combs as to whose brand we shall buy.—*H. Beckenstein*, 24 Edgware Road, W.2

Proprietary Medicines Bill

Perhaps the interests most directly concerned, as you wisely comment, are the huge advertising businesses which flourish upon the extensive publicity given to proprietary medicines—indeed, the effect of a material curtailment upon the publicity of nostrum advertising may become a serious factor in reducing the profits on many publications. Pharmacists do not need to be educated into the ethics of the matter. So long as the State has exacted its tax as its share of the propaganda, I do not see how the State can complain.—*Frank English* (26/5).

Castor Oil Pills

The Salford analyst (*C. & D.*, May 16, p. 575) notes that some samples of castor oil pills contain only about 5 per cent. of castor oil, and says that it has been agreed that they should be labelled "Compound Laxative Pills" or "Aperient Pills." The term "castor oil pills" has become recognised for many years, and when customers ask for these pills they require a mild laxative pill, which they get. Some castor oil pills contain m.s.s. of castor oil, or gr.j. of castor oil soap, while a favourite formula is pil. thei. co. gr.iv. ol. ricini q.s. Castor oil lozenges and tablets contain calomel or phenolphthalein, and the question of name is analogous to the cases of carbonate of iron and citrate of magnesia, which have to be labelled "so-called." But the public will continue to ask for "castor oil pills," whatever they may be labelled.—*Ric* (26/5).

Legal Queries

S. M. (18/4).—Since the bath salt is held out as beneficial for certain specifically mentioned ailments, and in addition proprietary rights are claimed in its preparation, the use of the label enclosed with your letter renders the article liable to medicine-stamp duty.

J. L. W. (21/5).—Under the Registration of Business Names Act, 1916, you will require to register your firm. Application for registration must be made to the Registrar of Business Names, Somerset House, Strand, London, W.C.2, and the fee is 5s. You will find particulars in the *C. & D. Diary*, 1930, p. 325.

H. J. S. (14/5).—What is the meaning of "freehold property?" [Freehold is a term applied to land or houses the ownership in which is vested either in some person for life, or in some person and his heirs for an indefinite period. The term freehold is used to distinguish the form of tenure from that known as leasehold, where the interest is limited to a definite term of years.]

R. S. B. (2/5) bought a business a short time ago, and the vendor signed a document agreeing to grant a lease of the premises for fourteen years, with an option of renewal for a further term of seven years. The vendor instructed "R. S. B." to have a lease prepared by a solicitor for his approval; but before the lease was ready, the vendor died. The solicitors for the executors have now prepared a fresh lease under which "R. S. B." is made responsible for outside repairs, and he is also asked to pay for the lease. Could not the document originally signed by the vendor suffice as a lease? Is "R. S. B." bound to agree to do the outside repairs and pay for the lease? Can he refuse to sign the new lease, and, if so, would the original document be effective? [Clearly, "R. S. B." should consult a solicitor if he wishes to know to what extent he can resist the executors' demands. His legal position depends mainly upon the nature and wording of the document that was originally signed by the vendor. It seems evident, however, that that document would not be effective as a lease; but whether "R. S. B." is bound by it to accept a lease from the executors we cannot say without seeing it. It is usual, in the case of leases of the length mentioned, for the lessee to covenant to do certain repairs, and it is also usual for the lessee to pay for the lease.]

Retrospect of Fifty Years Ago

Reprinted from
"The Chemist and Druggist," May 15, 1881

Prescription Problems not Desired

A Bill is now before the State of Pennsylvania with the following preamble:—"Whereas, grievous errors and mistakes have been made by druggists and others in the compounding of the prescriptions of physicians by reason of the same being heretofore written in the Latin language and in abbreviations thereof, as well as the quantities or proportions of the drugs or medicines being designated therein by figures or symbols in a mode not readily understood by the bulk of the people, whereby undue advantage and mystification of the patients may be taken by unscrupulous doctors, druggists, and persons who prescribe or compound medicines for the sick and poor, and, it being desirable to simplify the practice of medicine and to enable the public generally to better comprehend the names and nature of such drugs." All physicians and others prescribing, therefore, are, under a penalty of \$20, to be compelled to write the names and quantities in English, with abbreviations; and a copy of such prescription is to be affixed to the bottle or packet containing the medicine in question.

Owing to pressure on space, this week's instalment of the *C. & D. Commercial Compendium* is held over.

MAY 30, 1931

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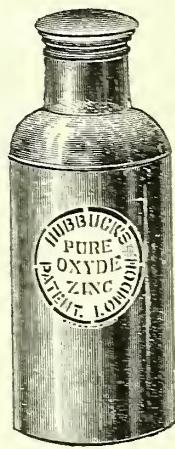


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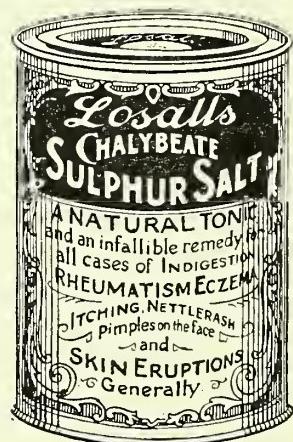
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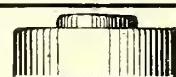
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Powder in bottles of $\frac{1}{2}$ oz. and 1 oz.

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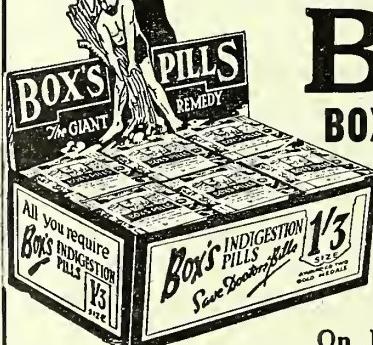
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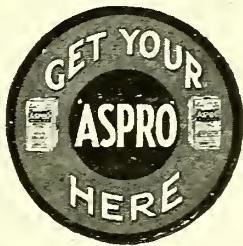
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„ Salve	1/3, 3/- & 5/- 11/-, £1 : 7 : 0 & £2 : 4 : 6
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Orders: Minimum quantity £16 : 4 : 0 value.

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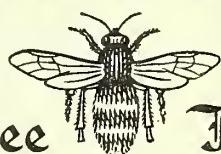
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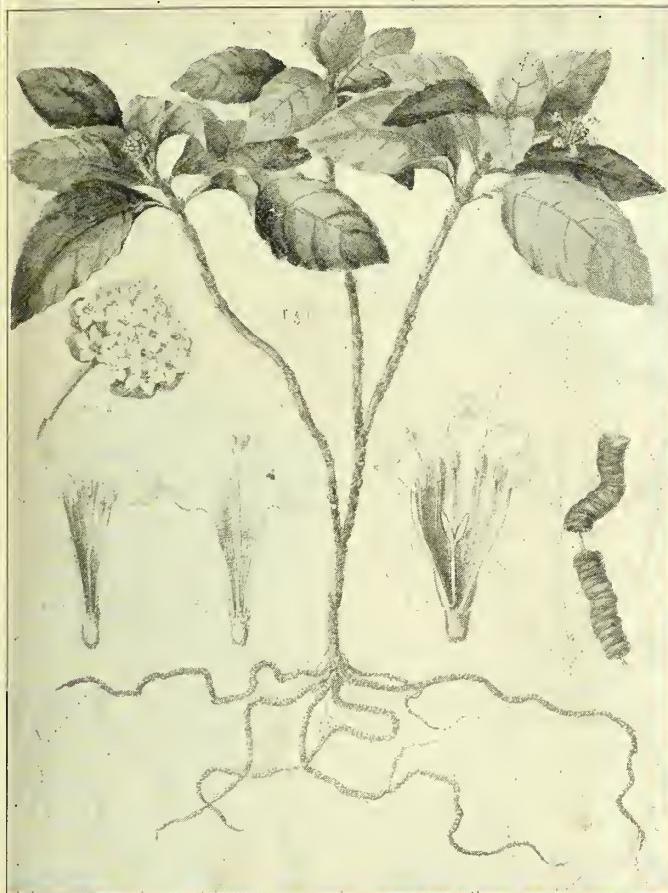
The Romance of Empire Drugs (8)

Illustration of Ipecacuanha Plant (J. H. Balfour), *Psychotria (Cephaelis) Ipecacuanha Stokes*, grown in the Royal Botanic Gardens, Edinburgh, showing (Fig. 1) Plant, (Fig. 2) Leaf, (Fig. 3) Root, (Figs. 4-5 and 6) Flowers.

Ipecacuanha has been used in medicine for centuries, it achieved fame first as a remedy for dysentery in the 17th century when the disease was rampant in the court of Louis XIV.

Of the several varieties recognised *Psychotria (Cephaelis) Ipecacuanha*, Stokes, true or Rio Ipecacuanha, is official in the B.P.

The shrub is indigenous to Brazil where it is widely distributed, being found growing in clumps where there is plenty of shade and the ground is not too swampy. It is cultivated in Brazil, Federated Malay States, India and elsewhere.

IPECACUANHA**FEDERATED MALAY STATES*****Staff Allen S***

possess special overseas connections for the importation of Ipecacuanha root, and unique facilities for the manufacture of preparations of the drug.



Other varieties include *Minas Ipecacuanha* (Brazil), *Indian (Johore) Ipecacuanha*, cultivated chiefly in the Federated Malay States, but also recently in India, and *Cartagena Ipecacuanha* (Colombia) official in the U.S.P.

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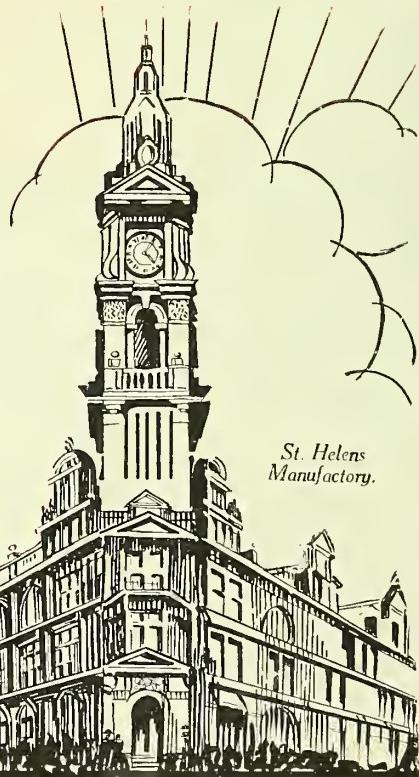
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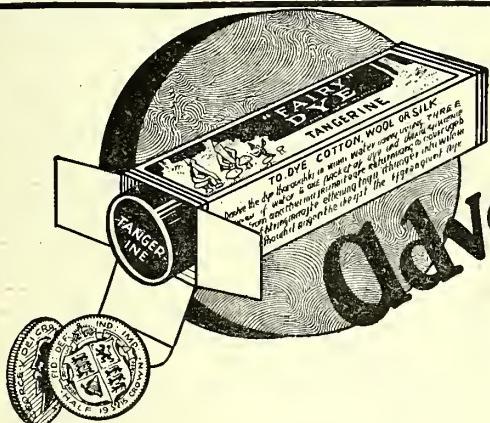
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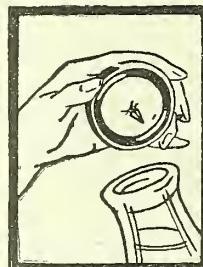


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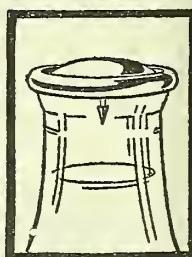


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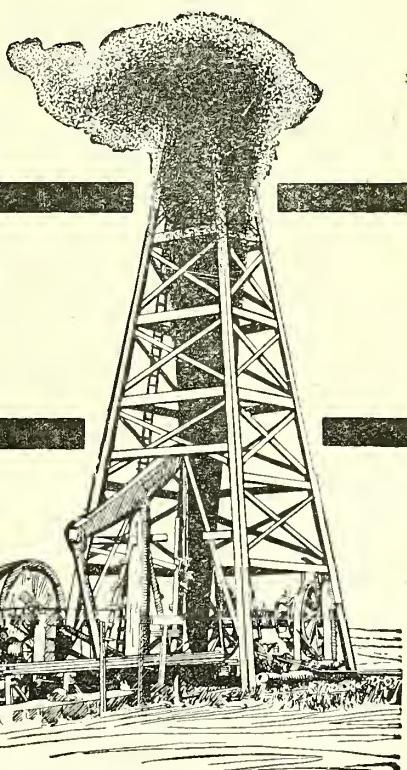
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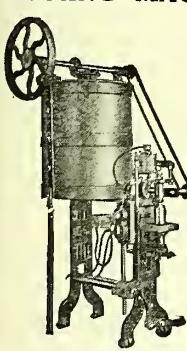
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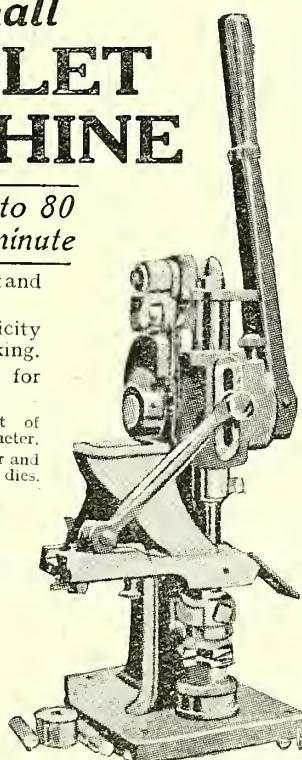
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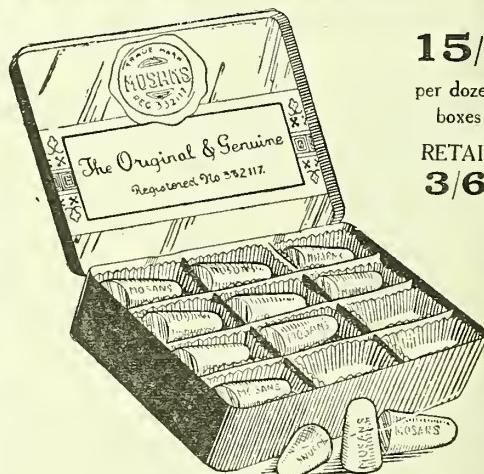
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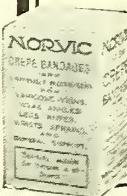
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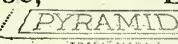
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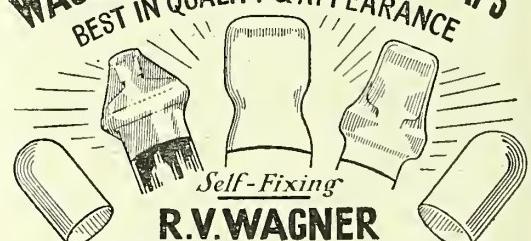
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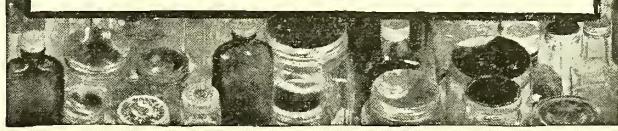
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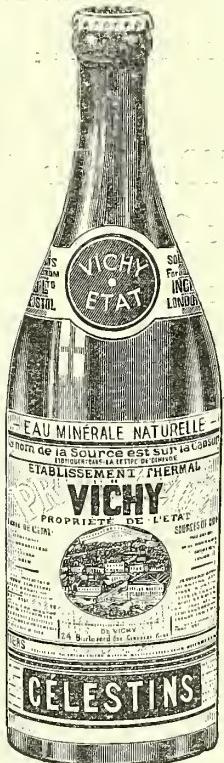
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THE CHEMIST AND DRUGGIST



SUPPLEMENT

28 ESSEX ST.
LONDON, W.C.2

MAY 30, 1931

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(C3) HUDDERSFIELD.—Old-established pharmacy situated in best shopping district; turnover, approximately £5,500 per annum; high rental justified by commanding position.

(C4) BRADFORD.—Corner pharmacy well situated in centre of city; turnover approximately £2,500; net rental £210 on lease; definite scope for increase, consequent upon excellent position; reasonable purchase price.

(C5) DONCASTER.—Unopposed pharmacy in populous suburb; present takings exceed £40 weekly; quick counter trade; good percentage profits; N.H.I. (approximately 500 scripts monthly); inclusive rental, £60 per annum; living accommodation if desired; auditor's figures available.

(C6) HUDDERSFIELD.—Retail and dispensing business of neglected appearance, but well capable of extension and development, as the position is exceedingly good; turnover approximately £1,800 per annum; low rental and purchase price.

(C7) NEW BRIGHTON.—Retail business with good photographic trade; turnover approximately £20 weekly; rent, £67 10s.; scope for increase.

(C8) WILTS.—Established business for disposal owing to illness of proprietor; turnover approximately £30 weekly; inclusive rental, £57; living accommodation; purchase price approximately £900.

(C9) CHESHIRE.—Country pharmacy with photographic connection; neglected during recent years, but well capable of development; rent, £50 on lease; living accommodation; purchase price required £300.

(C10) ESSEX.—Good family business situated in thickly populated area; no near opposition; good living accommodation; purchase price of business and property approximately £1,600; exceptional opportunity.

(C11) SOUTH STAFFS.—Unopposed pharmacy situated near to four medical practitioners; financial soundness proved by accountant's figures; owner must sell owing to illness; splendid opportunity for beginner.

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We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an Advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

BUSINESSES FOR DISPOSAL.

BIRMINGHAM.—Established Cash Business and N.H.I., chiefly Family trade, showing 40 per cent. gross profits; Kodak and Ucal Agencies; well-fitted, double-fronted, lock-up shop; net profits £325-£425; scope for further improvements, especially if living over premises, and Optics; easily managed; cash required about £850; only genuine inquiries answered. 156/28, Office of this Paper.

GLASGOW.—Retail, Dispensing and Photographic Business for Sale, in good locality, operated as branch; average cash sales for last 4 years £870, exclusive of N.H.I.; purchase price wanted £450 for stock and fittings. Inquiries, accompanied by bank references, to 155/29, Office of this Paper.

HULL.—Old-established Chemist's Business, important main road; plenty of scope for smart man; average receipts for five years £1,700, auditor's figures; Kodak, N.H.I. and small Shipping connection; good living accommodation if desired; lease granted; price goodwill £150; stock and fixtures at valuation (my estimate about £500). Charles C. Marsden, Valuer, 29 Oakwell Crescent, Oakwood, Leeds. 'Phone: 62890 Roundhay.

LONDON, E. (Busy Main Road).—Light Retail, Prescribing, N.H.I., Kodak Agency; modern double-fronted shop, well fitted and stocked; good living accommodation; small garden; returns approximately £1,000 per annum; long lease at £75 rental, or property can be purchased; price of business £400, or near offer. "Rhei," 582 Romford Road, Manor Park, E.12.

LONDON, N.—Old-established Retail Business in nice residential district; present proprietor 26 years; returns £1,400; double-fronted shop, mahogany fitted and excellent 8-roomed house; 21 years' lease at £150 per annum; price £1,000 net cash. 158/30, Office of this Paper.

LONDON (Near, Growing Locality).—Small Drug Store; house; lease; low rent; same hands many years; Kodak Agency; last year's takings about £500; has done £900; neglected through illness; price £150; good opportunity for qualified chemist. 158/38, Office of this Paper.

LONDON (main road).—Good-class Retail Family Business; Kodak; large double-fronted shop; turnover £1,800; net profit £400; long lease; price £150; stock and fixtures at valuation; must sell quickly owing to ill-health; only principals with cash and ready to take over immediately entertained. 157/20, Office of this Paper.

NORTH-EAST COAST (large town).—Excellent opportunity to purchase sound Retail; easily worked; splendid position; no near opposition; lock-up with basement; new stock; good offices; Prescribing, Toilets, Wines, Kodak, etc.; nearest several hotels; excellent established Proprietaries; owner retiring; genuine bargain, £1,150, quick sale; bankers' references; opening N.H.I. and Optics. 186/623, Office of this Paper.

NORTH LONDON.—Old-established Chemist's Business in main road, for sale following death of proprietor; at present under management; excellent opportunity for Managing Proprietor; Ucal and Photographic Agencies; large N.H.I.; convenient 5-roomed flat over; will sell premises also or grant lease; goodwill £600, or near offer; stock and fixtures at valuation. Apply 157/17, Office of this Paper.

NORTH OF ENGLAND.—Old-established Pharmacy, doing a superior class of business, Family, Toilets and Photographic; Rexall and Kodak Agencies; large shop, elegantly furnished in mahogany; corner site in busiest shopping street; fully equipped developing and printing department; lease or mortgage by arrangement; net profit over £1,000; every investigation of certified accounts. Particulars forwarded to bona-fide applicants only on receipt of bankers' or other satisfactory references. 156/8, Office of this Paper.

NOTTS.—General Retail Business, with N.H.I.; fine position; double-front lock-up; weekly average returns £37; new fittings and stock, about £750, plus agreed sum for goodwill; long lease, £65; splendid opportunity and scope for young man; good reason for disposal. 157/18, Office of this Paper.

PRESTON.—Newly-opened Pharmacy (two years); rapidly developing neighbourhood; scripts 4,600; turnover £760, both increasing; genuine; with or without property; lease, rent, alterations, to be agreed upon to suit purchaser; must realise, taking other business; best offer for quick sale. Further details from Brown, 250 Deepdale Road, Preston.

SOUTH-EAST LONDON.—Old-established main road Business; nicely fitted and with good living accommodation; rent only £50 per annum on long lease; rates low; fine opportunity for qualified man; reduced price £240 S.A.V. 157/15, Office of this Paper.

WEST WALES.—Old-established General Retail and Prescribing Business; Wines and Spirits; Kodak and Gilbey's Agencies; slight Optics (big scope for qualified optician); prominent corner position on main coast road; long lease; reputable own Proprietaries with big possibilities; price about £1,200, or offer. 152/1, Office of this Paper.

WILTS.—Sound Country Business, with Kodak Agency; good house and garden; garage; electric light; low rent; urgent need for N.H.I. and Dispensing; district developing; returns last year £1,042, increasing; terms, value of stock and fittings, plus agreed goodwill. Apply 155/34, Office of this Paper.

FOR disposal, double-fronted Shop, being run as a Drug Store; fine opening for qualified Chemist; N.H.I. wanted; no opposition; would let. 153 Fairfax Drive, Westcliff-on-Sea.

FAMILY and Agricultural Business, situated in one of the best market towns in Yorkshire; several sole agencies; old established; unlimited scope; large turnover at good profits; price £4,200-£4,500. Particulars to genuine inquiries only. 156/19, Office of this Paper.

GENUINE Country Pharmacy, central High Street position of busy little town in populated and growing district; modern, well-fitted double-fronted shop and dwelling-house; £300 premium for goodwill and 21 years' lease at £112 per annum, exclusive; turnover £1,640; stock and fittings at valuation; every investigation of certified accounts. Particulars, Sorrelis, 40 Clarence Street, Southend-on-Sea.

BUSINESSES WANTED.

A SOUND Business required, town or country, but preferably Bournemouth district, or south country; immediate cash available £700. 157/30, Office of this Paper.

BERDOE & FISH are in immediate want of Businesses on the South Coast, Home Counties, Midlands and North, returning about £3,000 upwards; cash buyers waiting; quick sales without publicity; correspondence cordially invited. 41 Argyle Square, King's Cross, W.C.1.

PHARMACIST. 45, exceptional experience; initiative, enterprise and worker, seeks opportunity to acquire Business on Deferred Terms, or would entertain vacancy in any progressive business proposal where executive or administrative ability is required; good business builder; knowledge of company law and branch trading. C/o 158/10, Office of this Paper.

PHARMACIST requires sound Business showing net profit of about £600; must bear thorough investigation; good-class suburb; Home or Southern Counties or South Coast preferred; would entertain Partnership with view to early succession; no agents, please. 157/26, Office of this Paper.

SMALL Business required in London (Retail, Wholesale or Packing); Partnership would be considered. Please give full particulars as to price, district, turnover, etc.; state when can be seen. 157/36, Office of this Paper.

_SOUND Business, yielding not less than £500 net profit per annum, between London and Norwich. Confidential particulars concerning returns and overhead expenses, including rent and rates, to "Stour," P.C.B. 49/17, Office of this Paper.

FINANCIAL.

£10,000 WANTED to develop sales on a Proprietary Article now on the market; present output between 200 and 300 gross a year, giving a profit of 250 per cent. without advertisement; all principal stores stock; all London and provincial houses listed and stock; cause of relinquishing management, proprietor seriously ill; formation of company or purchase outright entertained on reasonable terms. 155/39, Office of this Paper.

PREMISES TO LET.

IPSWICH.—Unrivalled opportunity open Chemist and Druggist; main shopping street; prominent extensive corner frontage; excellent new windows, convenient shop, large room, extensive dry cellar; very moderate commencing rent; any length optional lease granted. Thos. A. Morley, 20 Queen Street, Ipswich.

LARGE Half Shop to Let; excellent opening for Chemist; busy bus stop; important North London shopping centre. For full particulars write 156/11, Office of this Paper.

EFFICIENT REPRESENTATION IN SOUTH AFRICA

We are open to act as Sole Agents for a live manufacturer who is desirous of opening up or extending trade in Southern Africa. Where necessary we will carry local stocks and arrange distribution. We have permanent samples rooms, equipped with an efficient staff, in Johannesburg. Our travellers regularly visit Durban, Cape Town, Port Elizabeth and all other towns of interest. Therefore we are in constant touch with chemists throughout South Africa and in the unique position to give really efficient representation. When writing, please send full details, also where possible, samples.

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Standard Bank of S.A., Ltd., Clements Lane, E.C.

AGENCIES.

AMERICAN Importer, now representing two leading English manufacturers of Toilet Articles, will consider one or two additional first-class Toilet Lines; national sales organisation over the whole of the United States with branch offices in the leading centres; can handle retail and wholesale distribution. Write 186/603, Office of this Paper.

TERPENELESS Essences, Terpenes, Soluble Essences and Essential Oils of Messina. Belgian Distillery seeks for the United Kingdom an active Agent in connection with manufacturers of Soluble Essences, Mineral Waters, Soaps, etc. Write, with references, to "Essences Coene," 323 Rue du Progrès, Brussels (Belgium).

WANTED, Agent to carry Advertising Tape as side line; liberal commission. Apply Kenil, Ltd., 137 Cheapside, E.C.2.

PREMISES FOR SALE.

NORTHAMPTONSHIRE.—Excellent House and Premises in a provincial town of over 4,000 inhabitants without the services of a resident qualified Chemist; the premises are in the best position in the centre of the town, and possession can be arranged for at an early date; price, freehold, £250; fixtures at valuation. Apply 155/16, Office of this Paper.

PARTNERSHIPS.

ACITIVE interest wanted by experienced Chemist (unqualified) in London business (manufacturing preferred); invest about £300. P.C.B. 49/21, Office of this Paper.

DOCTOR requires Qualified Chemist to manage shop in East London district; must invest about £300; excellent prospects for right man. 157/8, Office of this Paper.

APPRENTICE.

OUTDOOR Apprenticeship in good-class Dispensing business, West London, wanted by tall young man of 24; passed Preliminary. 156/6, Office of this Paper.

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SITUATIONS OPEN.

RETAIL (HOME).

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

EAST LONDON.—Unqualified Assistant wanted; must be able to dress Windows and some knowledge of D. & P. work. Write, stating age, salary, and experience, to P.C.B. 49/9, Office of this Paper.

IPSWICH.—Qualified Assistant (male), single, age about 25, for middle-class Counter, N.H.I. and Photographic business. All particulars as to age, experience, references, height and salary required at once to 158/24, Office of this Paper.

LINCOLNSHIRE.—Qualified Manager for up-to-date Family business in good market town; previous Agricultural experience essential; smart Salesman and good Window-dresser; house attached. State experience, age, salary required, and when at liberty to 155/281, Office of this Paper.

LONDON.—Young Qualified Man, capable of taking charge, with view to Managership. Apply, with references and full particulars of experience, if able to do D. & P., and also stating age, height, salary required, and when at liberty. Marshalls Chemists, 78 High Street, Kingsland, E.8.

LONDON, N.—Qualified Manager for Branch; good Window-dresser, accurate Dispenser; permanency. Apply, stating age, experience, references and salary required, 158/27, Office of this Paper.

LONDON, S.W.—Qualified Relief Man for about four months, commencing June 22nd; must have good all-round experience and be capable of taking temporary charge of a brisk cash business; possible permanency later; £24 10s. weekly, plus fares. State age, height and details of experience. 157/16, Office of this Paper.

SOUTH COAST.—Capable Unqualified Assistant (male) required for good-class Dispensing and Retail Business. Apply, giving full particulars of experience and stating age and salary required, 158/33, Office of this Paper.

A LEADING West-End Store requires the services of an experienced, qualified Assistant Manager for their Drugs Department; applicants should be 28-35, of good appearance, and able to control staff; first-class experience essential. Write (in confidence) to 186/622, Office of this Paper.

ASSISTANT, or capable Junior; tall; energetic Counter Salesman; Photographic experience; state salary, references; June to September; photo if possible. Purcell, Chemist, 97 Strand Street, Douglas, Isle of Man.

ASSISTANT, unqualified, required for season; good knowledge of Photographic work and Dispensing essential. Apply, stating salary, references and photo if possible, to Withers & Son, Chemists, 45 Rosemary Road, Clacton-on-Sea, Essex.

LADY Assistant required to run Toilet Department; must have up-to-date selling experience and knowledge of modern methods of display; Store experience an advantage. Send photograph, salary required, copies of references, height, to L. H. Lester, 2 Market Place, Nuneaton, Warwickshire.

LADY Book-keeper, accustomed to a good-class Chemist's business; Typing useful. 158/31, Office of this Paper.

LADY Dispenser wanted for small branch near Surbiton; Minor qualification. Please state full particulars as to salary required, etc., to "Pharmacist," 1 Aboyn House, Grayham Road, New Malden, Surrey.

LEWIS & BURROWS have vacancies for temporary Assistants (male), with good Dispensing experience, from middle of June until September. Apply, giving full particulars of previous experience, to 146 Holborn Bars.

LOCUM Tenens required last fortnight June; S.W. 158/11, Office of this Paper.

MANAGER, qualified, also in Optics, used to busy N.H.I.; must be smart Counterman, good Window-dresser, and good appearance; excellent prospects, with salary and commission; must bear first-class references. Full particulars, with photo, to "Pharmacist," c/o Oldfield, Pattinson & Co., New Bridge Street, Manchester.

NAGER (qualified) for Family business in small country town (Eastern Counties); good prospects for a man with experience in country business; must be married; good attached. Usual particulars, age, experience, and salary when at liberty to 155/280, Office of this Paper.

MNAGER required for S.E. London; applicant must have previous experience and used to plenty of N.H.I. Give particulars of experience, height, age, wage expected; living modatou available. 157/24, Office of this Paper.

MNAGER, qualified, for small new branch; East End trade; N.H.I.; young; smart; good Window-dresser. Mabyn, 1 David Lane, London, E.1.

CALIFIED Manager for a suburban business in Manchester; good Salesman and smart Window-dresser essential; excellent prospects; married man essential; house attached; salary and commission. Details of age, experience, salary and when free to 155/28, Office of this Paper.

CALIFIED Locum required for four weeks, two at business East London, two North, early in July; well up in N.H.I. and counter; to follow or from one business to the other. Please state terms. "Laurencis," 156/18, Office of this Paper.

CALIFIED Manager required for branch shop in London; must take sole charge; good living accommodation; must about £500 for half share; good prospects. Apply 158/5, Office of this Paper.

QLIFIED Manager (male), under 30, required for small branch in growing neighbourhood near London; salary and commission on increase. State usual full particulars, etc., references, etc. 187/629, Office of this Paper.

RQUIRED, qualified Locum (male) from July 6 to 11 inclusive; one used to working-class district. Apply, by letter with full particulars, Gardner, Chemist, 36 Neath Road, Swansea.

RQUIRED for season from June till end of September, competent Assistant (male), unqualified, about 24, for good Ring and Retail. State age, height, last two engagements, and salary required, to H. J. Hewlett, "Baily & Co.", Albert Terrace, Margate.

THITY WHITES are opening several more new branches in the near future, and are open to consider the engagement of really smart Pharmacists as Managers; previous experience an advantage, but not essential; applicants must be capable, energetic, tactful, and well up in business methods; good salaries; commission; free . Apply to Assistant Secretary, Timothy Whites (1928), Portsmouth.

UALIFIED Junior Assistant (male) for Branch wanted, accustomed to quick Counter trade. Apply, stating age, experience and salary required, to head office, Wm. Fox & Sons, 19-113 Bethnal Green Road, E.2 (ten minutes Liverpool

UALIFIED young gentleman as Junior Assistant, for dispensing and Counter, in good-class family business; apothecary experience desirable. State if studying for and II. Smith, Chemist, Durham.

UALIFIED Assistant (male), unmarried, under 28, of good appearance and address, capable Salesman, with good experience, required immediately for a high-class city in Channel Isles. Enclose copy of references and 143/19, Office of this Paper.

WANTED, a smart expert Salesman with a sound knowledge of Elastic Hosiery for Herbal and Drug Stores, London, must be thoroughly capable and experienced. P.C.B. Office of this Paper.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS OR VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 60 to 100 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

WHOLESALE.

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

LONDON Wholesale Druggists' Sundries Department require an experienced Buyer, able to control staff, increase sales, knowledge of the markets, and must have had actual experience in a similar capacity; energetic, with real business ability; salary about £400 per year. 186/626, Office of this Paper.

PRIVATE limited company manufacturing well-known Patented Dental Specialities would consider the appointment of a young, experienced Salesman with knowledge of Advertising and Marketing Specialities of this nature; would have full control of the management and finance of this business; preferably with capital of between two to three thousand pounds. Apply 155/30, Office of this Paper.

REPRESENTATIVE, smart and live, wanted for the South Coast and district, also one for South of England and Ireland, to introduce a new Patent Toilet line which sells at sight; £2 per week and 10 per cent. commission; must have a car and established connection and bear undeniably references for honesty and pushfulness; Northern traveller earns £8 to £10 per week. 186/621, Office of this Paper.

REPRESENTATIVE required by well-known Wholesale House to call on Chemists in London, north of Thames; applicants should be tall and of good address; preference given to young, qualified man with travelling experience of the area. Write in first instance, stating experience and salary required, "Chemist," c/o F. Wileon, 101 Hatton Garden, E.C.1.

REPRESENTATIVE, in touch with Wholesale Chemists, Manufacturing Perfume and Toilet Specialities, wanted by Show-card Specialists to introduce inquiries for same. P.C.B. 49/19, Office of this Paper.

REPRESENTATIVES required by Manufacturing Chemists for Home Counties and West of England; specialities: Medicinal Capsules, Lozenges, etc. Applicants must state present ground covered and full particulars of experience. "F. R. L." 186/625, Office of this Paper.

TO gentlemen having sound connection with Wholesale and Retail Chemists. The M.M.T.P. Co. are widening the scope of their activities (for their popular pack in carton) and offer a profitable proposition to commission Salesmen in centres where not already represented. Write for terms of this daily commodity, with unlimited prospects; give particulars, ground covered, lines carried. The Miss Muffet Toilet Paper Co., 1 Julian Road, West Bridgford, Nottingham.

WORLD-REKNOWN Continental Chemical Works intend establishing own Laboratories in England. Offers of experts to act as Manager, with financial participation, solicited under "Big Prospects"; to 157/21, Office of this Paper.

WORKS CHEMIST.—A young Pharmacist with the Major qualification is required by a provincial firm of Manufacturing Chemists to supervise and control the manufacture of Pharmaceutical Products; it is desirable that applicants should have had previous experience in a pharmaceutical manufacturing laboratory. Full particulars of previous experience and present engagement must be given, together with qualifications, age, and salary required. All communications will be accepted in strict confidence, and should be addressed in writing, in the first instance, to "Midland," 186/624, Office of this Paper.

SITUATIONS WANTED.

RETAIL (HOME).

2s. for 18 words or less, 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A.A.A. —UNQUALIFIED; 6 years' experience; has been left in charge. Phone: Rodney 3356. Lansdale, 1 St. John's Road, S.W.9.

A. —ASSISTANT; unqualified; Salesman, Dispenser, Window-dresser; Photography; Locum or permanent; recommended; moderate salary. Green, 179 Chamberlayne Road, N.W.10.

A. —LOCUM; qualified; registered R.P.U.; long or short period; experienced all branches; active; excellent references; terms moderate. "S. C. J." 54 Priory Road, West Hampstead, N.W.6. Phone: Maida Vale 8212.

A CAPABLE Assistant; unqualified; Dispenser, Salesman; good-class pharmacy; Midlands or North preferred. Davis, 3 Gold Hill, Tansley, Matlock.

A CAPABLE Assistant (lady); 10 years' all-round experience; business builder; good Prescriber; take charge; excellent references. 156/25, Office of this Paper.

A CHEMIST and Druggist, with exceptional Dispensing experience, is available as Locum from June 1; permanency will be considered in suitable establishment; London or Home Counties preferred. 158/3, Office of this Paper.

A COMPETENT, unqualified lady Assistant desires, end of June, permanency, Birmingham district; experienced, reliable Dispenser, Counter-hand. 156/13, Office of this Paper.

A COMPETENT, unqualified male Assistant, 27, desires change; permanency; keen Salesman; Dispensing, etc.; London or Southern suburb preferred. 158/22, Office of this Paper.

A QUALIFIED Chemist, married, 4 years' management, Devon country town, desires change; several years' excellent Loudon managerial experience. 156/9, Office of this Paper.

A QUALIFIED Chemist, young, as Manager or Assistant, in middle-class business; London or suburbs; Counter, Prescriber, Window-dresser; salary required approximately £5; disengaged June 15; permanency essential; interview. "Chemist," 98 Bow Road, E.5.

A CTIVE; middle-aged; unqualified; disengaged June and after August 29; Locum, permanency. Fletcher, 91 Ducombe Road, Holloway, N.19.

A DVERTISER, unqualified, good Counterman, Window-dresser, experienced Dispenser, Photographic, Prescriber, desires permanent or season engagement; 3½ years last situation. 158/25, Office of this Paper.

A S General Assistant (lady); Counter and Toilet; experienced. "F. W.," 53 Chichester Road, Kilburn, N.W.5.

A S Locum; free until July 9; abstainer; excellent references; varied experience; male; moderate salary. "H.," 142 Hill Lane, Southampton.

A SSISTANT, unqualified, 25, reliable Dispenser and Salesman, best references, knowledge Surgical Instruments, Dressings, Photography, requires situation. J. A. Kieran, c/o F. McConville, 75 Clanbrassil Street, Dundalk, I.F.S.

A SSISTANT, unqualified, 20, desires post; Ilford or surrounding districts preferred; Dispensing, Counter, Photographic and Window-dressing. "K. W. F.," 28 Cecil Road, Ilford, Essex.

A SSISTANT; 25 years; good all-round experience, Dispensing, Counter, etc.; single; active; middle-aged; unqualified. "Statim," 228 Lockwood Road, Huddersfield.

A SSISTANT; 21; Part I; Dispensing, N.H.I., Counter, etc Bougourd, 22 Trinity Square, S.E.1.

A SSISTANT, unqualified, 22, gentlemanly, trustworthy, having West-End experience; reliable Dispenser, smart Salesman, good Window-dresser; Photographic knowledge; disengaged. "C.," 44 Turveville Road, Kensington, W.14.

A SSISTANT or Locum; good experience; excellent references; disengaged until June 29. "S. S.," 155 High Road, Lee, S.E.13.

A SSISTANT, age 25, height 5 ft. 9 in., 6 years' Retail experience, good Counter-hand, Window-dresser, quick Dispenser, thorough knowledge Photographic trade, including D. & P., used to taking charge, seeks permanent or temporary situation; alternate Sundays not objected to. "S.," 32 Ommaney Road, New Cross, S.E.14.

A SSISTANT (lady, 30); unqualified; 15 years' experience, Counter and Dispensing; smart Saleswoman; stylish Window-dresser; could take charge; Lancashire preferred. 157/5, Office of this Paper.

A SSISTANT; £3 5s.; Southend; local references; permanent; 12 years Retail, Developing, Printing, Dispensing, Window-dressing; capable taking charge. 157/55, Office of this Paper.

CHEMIST, qualified, 30 years owner, Retail, seeks position; Locum, relief, or permanent; thoroughly competent; terms moderate; disengaged. 147/8, Office of this Paper.

COMPETENT Assistant or Locum; unregistered; over 20 years' experience; Dispensing, Counter, Windows, Prescribing. Harries, 28 Carroun Road, S.W.3.

DISENGAGED.—Pharmacist; experienced; Locum or permanent; moderate salary; booking season's dates. "Ch. 98 The Grove, Ealing, W.5."

GENERAL Assistant (lady); Counter and Toilet; experienced; disengaged; excellent references. "E. W.," Crayford, New Romney, Kent.

JUNIOR Assistant, aged 20, tall, smart appearance; post; capable and quick; Photography, N.H.I., Counter; good reference; at liberty when required. L. Wooldridge, Bloxwich Road, Leamore, Walkall.

LADY (Irish qualification), 7½ years' experience, requires Doctor or Institution preferred; good references. 156/22, Office of this Paper.

LADY (Hall) desires post with Doctor or Chemist; London or Southern England; 6 years' experience, Dispensing Counter. 156/10, Office of this Paper.

LADY (Hall Certificate); good general experience; London or Southern suburb; permanency. 1 Westow Hill, Upper Norwood, S.E.1.

LADY Dispenser (Hall), rather deaf, requires post; would do anything where deafness immaterial. "L. M.," 41 Fine Street, Taunton.

LADY; qualified; 23; good all-round experience; London or Suburbs; disengaged June 1. "H. D.," 1 Hopefield, Brondesbury Park, N.W.6.

LADY (Hall) requires Locum or permanency; 7 years class Dispensing, Retail and Hospital experience; photo-trained; excellent references. "Blair," 20 Denbigh Road, Bayswater, London, W.11.

LADY requires position; permanent or Locum; good Dispensing and Counter experience. "D.," 238 Ladbroke Grove, W.10.

LOCUM or Assistant; unqualified; free June, July; Wales or Cheshire; 10 years' experience; excellent references. Emlyn Roberts, "Brynteg," Llandudno Junction.

LOCUM, qualified, for four weeks, July, two weeks, August; recommended Wholesale and Retail Chemists. 217 High Street, Watford.

LOCUM, relief, Manager; "not registered"; 20 years' experience; Dispensing, Stock, Counter, Salesman, Present "G.," 180 Scott-Ellis Gardens, N.W.8.

LOCUM, qualified, 25, now booking short or long p coast, country or town; 8 years' varied experience references. "H. D. B.," 5 Westbourne Grove, Harrington, Manchester.

LOCUM, Bristol or district. M.P.S. requires June 1-18, July 1-18, and August 1-8; Hospital or Retail; experience; highest references. Mason, 4 Elton Road, Temple, Park, Bristol.

LOCUM, 32, qualified, now booking dates; London or elsewhere; experienced and thoroughly trustworthy. "Che. 17 Baronsfield Road, St. Margaret's, Twickenham, Middlesex."

LOCUM, qualified, lady; free June 1; 12 years' experience. Phillips, 17 Scutari Road, E. Dulwich, S.E.22.

LOCUM; qualified; free June 15 to August 24 and last night in September. "Chemist," 13 Montefiore Road.

LOCUM; competent; reliable; obliging; all-round experience including P.O.; vacant dates open. "Chemists," 561 Road, Balham, S.W.12.

LOCUM or permanency; unqualified; competent; reliable; Prescriber; abstainer; single; booked six months; Nottingham; free June 1 to 14 and from July 27. Hotel 50 Pimlico, Ilkeston (Derbys).

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensues. Strict attention to this detail will be appreciated.

LM or Manager; qualified; reliable; free from June 8. Thomas, 37 Downs Road, Clapton, E.5. Phone: Clissold 352.

LIM; unqualified; experienced; disengaged June 1 to July 11, July 20 to August 15, August 31 to September 19. C. C. C. 72 Tremadoc Road, Clapham, S.W.4.

LIM or Assistant; London, country; qualified; 24; good experience in Dispensing, Counter and Photography; excellent references; moderate salary; free July 18. Herbert, 5 Ira Villas, Finsbury Park, N.4.

LIM; qualified; well experienced and recommended; London preferred; vacant dates from June 22; terms 157/14, Office of this Paper.

LIM or part time; Bristol or neighbourhood; first-class experience, Counter, Dispensing, Photographic; energetic; qualified; middle-aged; references. 158/17, Office of this Paper.

LDON, N.—Employer highly recommends experienced, competent man, evening job (free 8 p.m.); good Counterman, accurate Dispenser, Book-keeping, Stocktaking, Window Dressing, Photography; unregistered; age 40; interview essential. "Villas," 6 Woodstock Road, Finsbury Park, N.4.

LDON ONLY.—Unqualified, 26, seeks situation; temporary permanent; excellent experience in good-class pharmacy now in West End, but free June 6. Webster, 1 Great Street, W.C.1.

MAGER or Locum; 38; qualified; experienced; excellent references; first-class experience Pharmacy and Photography; June 1-28. Findlay, 62 Lillie Road, Fulham.

MAGER or Assistant; qualified; good Counterman and Dispenser; abstainer; London and country experience; at June 8; moderate salary; outdoors. Apply 158/9, Office of Paper.

MP.S., F.S.M.C. (and Supplemental), 25, Square trained, requires situation with Chemist-Optician in or London; good references. 157/31, Office of this Paper.

DAYTIME, mornings or evenings; thoroughly experienced; West-End references. 157/19, Office of this Paper.

PINE Southall 1522 for experienced Pharmacist; morning only, 9 a.m.—1 p.m.

QIFIED Manager desires permanency; living accommodation; small wage if succession can be arranged after his management. 156/14, Office of this Paper.

QIFIED Locum or Superintendent; evenings; S.W. district 156/5, Office of this Paper.

QIFIED lady, well educated, requires post; good-class Pharmacy; London or Manchester preferred, not essential; experience Retail and Hospital; open for Locums; excellent references. 155/37, Office of this Paper.

QIFIED (lady) requires post, high-class Pharmacy, Hospital, or with Doctor. "M.P.S." 29 Meadow Road, Pinner.

QIFIED Chemist desires easy permanency; excellent experience West End and provinces; elderly, active, sonality; small salary; highest references; home counties. Parker, "The Ivies," Derry Downs, St. Mary Cray.

QIFIED, elderly, capable, as Locum or Superintendent; London only; could take low salary. Page, 9 Caesar's Itcham.

QIFIED Chemist, 24, single, well recommended, requires situation as Assistant in London; very good all-round. 158/39, Office of this Paper.

QUICK young youth, 17, requires position as Chemist's Junior Assistant or Apprentice; Salesman; 3 years' experience; references. Green, 12 Lenham Road, Sutton, Surrey.

QALIFIED; first-class Dispensing experience; good references, City and West End; disengaged. C. Hunter, 7 Redgate, S.W.5.

Q lady desires post, Counter Assistant; experienced; no nursing. "B." 33 Festing Grove, Southsea.

UNQUALIFIED; experienced in all branches; references O.K.; smart appearance; trustworthy; tactful. Apply "Medical," 114 Aubrey Road, Small Heath, Birmingham.

WHOLESALE.

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

AHIGH-GRADE Representative, well known, proved ability in sales and propaganda; excellent connection North; other territory considered. 158/15, Office of this Paper.

AN able, energetic Representative, with sound Chemists' connection Southern England, desires change; unimpeachable references, comprehensive knowledge of Drug trade; own car. Advertiser, who is a conscientious worker, capable of tackling a proposition where selling ability, personality and determination are needed, invites applications from Wholesale Houses of repute that are prepared to offer a position on salary, commission and expenses. Write 150/19, Office of this Paper.

D.D.A.'S Poisons, Wets and Drys, Stocks, Records, Counter, etc.; good experience; disengaged. "Rex," 135 Seaford Road, Tottenham.

ENERGETIC, young, good address, high-class Retail experience, seeks position as Representative with reputable house; London preferred. 158/1, Office of this Paper.

FIRST-CLASS Representative, young, with own car, good connection, Wholesale and Retail Chemists, Hairdressers and Stores in Lancashire, Westmorland, Cumberland and Cheshire, requires one other good line on commission basis; Toilet or Fancy preferred. 156/23, Office of this Paper.

MANUFACTURING Perfumer and Toilet Soap Specialist, with long experience with first-class firms, desires position with reliable firm in need of high-class service; able to run and supervise any department; best of references. "L. O. F." c/o Teale, 6 Harrogate Road, Rawdon, Leeds.

PACKED Goods, Specialities for Chemists', Grocers', Confectionery trades. Advertiser, 29, seeks responsible post where sound experience of costing, buying, orders, stocks, wages, organisation, management will be of service. 158/16, Office of this Paper.

PERFUMERY Chemist (M.P.S.), many years' practical experience manufacturing Toilet Articles, Essences and Perfumes, and having extensive knowledge of Essential Oils and Perfumery Synthetics, desires suitable situation; moderate salary. P.C.B. 49/33, Office of this Paper.

RELIABLE Salesman, calling on Chemists, Hairdressers, etc., on Lancs, Yorks and Notts territory, open for first-class house; commission terms only not entertained; excellent references and connection. 157/23, Office of this Paper.

REPRESENTATIVE, large personal connection over wide area London and suburbs, Chemists, Stores, Wholesale Houses, seeks change to house with progressive ideas; particularly confident in creating record sales with Chemists' Toilet and Packed Goods; undeniable sales record and references. 156/40, Office of this Paper.

REPRESENTATIVE, with connection West of England, Home Counties, desires change; British firm preferred where hard work and business building is appreciated; first-class Retail experience. "Batchelor," 158/32, Office of this Paper.

STOCK-KEEPER and Warehouseman, experienced in Buying, Packing, Despatch of Drugs, Patents and Sundries; excellent references. 157/190, Office of this Paper.

TOILET PREPARATIONS, SOAP.—Practical man, manufacturing, finishing; good organiser; original Formula; London or near. "Bromstyrol," 156/12, Office of this Paper.

MISCELLANEOUS.

10s. for 60 words or less; 1s. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

ANOTHER CHEMIST BARGAIN just arrived from Piccadilly, Pharmacy Fittings, Swan-neck Carboys, Shop Rounds, Electric Signs, to be sold cheaply. We also have several Complete Sets; suit either large or small premises. Write or call. Estimates free. RUDDUCK & CO., 219 Old Street, E.C.1.

AMALGAMATION.

An old-established firm of Manufacturing Chemists in London, with an excess of space, having an excellent connection with the Retail Drug Trade, would like to get in touch with another firm with a view to amalgamation. Apply 186/620, Office of this Paper.

ALL MANAGERS AND QUALIFIED ASSISTANTS should join at once

THE NATIONAL UNION OF DRUG & CHEMICAL WORKERS

(incorporating the National Association of Chemists' Assistants)

BENEFITS : Trade Protection—Legal Aid—Unemployment

Benefit—Free Use of Employment Bureau

Write for particulars.—ARTHUR J. GILLIAN, Gen. Sec.

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CLEAR OUT—your Old or Damage^d Stock of Photo Goods^s

Why keep them any longer? Turn them into CASH.

I GIVE BEST PRICES for Old Films (damaged, fogged or expired dates); Packet Papers, Cards (any sizes), Old Photo Goods or Cameras, Bromide Papers, Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.

S. E. HACKETT, 23 July Road, Liverpool

ADVERTISERS would consider the PURCHASE OF GOODWILL, etc., of any PATENT MEDICINE or PROPRIETARY ARTICLE—or ARRANGE for its MANUFACTURE and DISTRIBUTION.

State full particulars, 174/209, Office of this Paper.

CHEMISTS' FITTINGS.—We hold an immense stock of Drug Fittings, Dispensing Screens, Glass Fronted Counters, Perfumery Cases, Nests of Drawers, Wall Cases, Silent Salesmen, Upright and Flat Counter Cases, Plate-glass Counters, Cash Tills, Display Stands and Glass Shelves, etc., ready for immediate delivery at competitive prices. Write or call for List. F. MAUND & E. BERG (SHOWCASES), LTD., 175/9 and 336 Old Street, London, E.C.1.

CHEMISTS' FITTINGS.—Complete set in polished oak: Drug Fitting, 10 ft. long, 8 ft. high, 27 drawers, glass labels and knobs; 5-ft. Dispensing Screen; 4-ft. Wallcase; 6-ft. Glass-front Counter; two four-nest Counter Drawers; the lot cheap or separate; also complete set Mahogany Fittings, 40 years' experience. GEORGE COOK, The Working Shopfitter, 27 Macclesfield Street, City Road, E.C.1.

FOR Sale., Gardner's latest pattern Fine Powder Dressing F with Perfume Sprayer and Mixer for making finest beauty powders, toilet powders, etc. Write 186/609, Office of this Paper.

FOR Sale., Fine Powder Sifting Machine with removable barrel or sieves. Write 186/610, Office of this Paper.

FOR Sale., gas-heated Drying Machine with revolving agitator F with brass internal fittings. Write 186/611, Office of this Paper.

MINERAL Water Plant for Sale, cheap; consists of 3½ h.p. Andrews' Gas Engine, Barnett & Foster's Mixing Cylinder and Syphon Filler with Idris Polisher, and about 40 dozen 30-oz. Syphons; will be sold together or separately. MACKAVOY, Chemist, Horncastle.

WANTED, Second-hand Heavy-type Machine for Compressing Tablets, 1½-inch diameter. 187/628, Office of this Paper.

Laboratory Foreman Required

An experienced and thoroughly well-trained foreman is required for a pharmaceutical laboratory. He must be up-to-date in manufacturing methods in both wet and dry departments. He will be mainly occupied in compounding confidential formulæ and should be capable of organising and supervising the work of various departments. The post offers exceptional opportunities for advancement to an ambitious man whose present prospects of early promotion are somewhat uncertain. Preference will be given to applicants who have spent some years in a first-class London Wholesale Laboratory in which the work is characterised by scrupulous accuracy and high pharmaceutical ideals. Write fully in confidence, stating age, experience, and salary required, to the Managing Director, Goldstone Laboratories, Hove, Sussex.

£100.—COMPLETE SET OF FITTINGS suitable for beginner or branch, comprising 12 ft. Drug Fitting complete with drawers, lockers, cupboards and shelving; 6 ft. Wall Showcase with glass doors; 7 ft. Dispensing Screen w full length mirror centre and nest of drawers behind; 10 glass-fronted Counter with nest of drawers behind; Perf Showcases and Desk; Cash Till. Complete, packed, free on Sketches and full particulars from PHILIP JOSEPHS & SO LTD., 90/92 St. John Street, Clerkenwell, E.C.1. "Pharm Fitters for Over a Century."

EXCHANGE COLUMN.

FOR DISPOSAL.

AN OPPORTUNITY to Chemists opening business, compr Pharmacy Fittings, Autoway, etc., cheap. 157/9, Office this Paper.

6 FT. PLATE-GLASS COUNTER, nearly new, sliding do bargain, £10; cost £16. (Clissold 4603.) 19 St. Mar Road, E.8.

CASH TILL, "National," for Sale; good condition; suit kind of business; bargain. Write E. E. Moore, 149 Sir Road, Wood Green, N.22.

WANTED.

SLOT WEIGHING MACHINE. 187/627, Office of this Pa

PILL MACHINE, Rounders, Scales, Mortars. Keene, 6 Du Avenue, N.3.

SMALL AUTOGRAPHIC TILL wanted, in good condit State external dimensions, make and colour to 158/ Office of this Paper.

GOWER, Chemists' Bookseller, 41 Voltaire Road, Claph wants Pharmaceutical Books, including B.P., Pharmaceut Formulas, B.P.C., P.J.F., Optical Books, Materia Me Collections.